

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041093.D
 Acq On : 16 Apr 2024 10:11
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 01:38:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	189532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	263879	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41350	20.207	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.420%#		
35) Dibromofluoromethane	5.385	113	35391	20.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.160%#		
50) Toluene-d8	8.647	98	123037	19.927	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.860%#		
62) 4-Bromofluorobenzene	11.079	95	46833	19.981	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.960%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	32430	21.572	ug/l	99
3) Chloromethane	1.301	50	37778	22.611	ug/l	97
4) Vinyl Chloride	1.374	62	42752	22.326	ug/l	95
5) Bromomethane	1.599	94	26610	22.165	ug/l	100
6) Chloroethane	1.685	64	27911	22.082	ug/l	99
7) Trichlorofluoromethane	1.886	101	68413	22.761	ug/l	99
8) Diethyl Ether	2.136	74	25803	21.876	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	38165	21.843	ug/l #	87
10) Methyl Iodide	2.453	142	41680	22.707	ug/l	90
11) Tert butyl alcohol	2.965	59	41967	104.834	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	36628	21.896	ug/l	84
13) Acrolein	2.240	56	52241	103.765	ug/l	98
14) Allyl chloride	2.666	41	59433	21.968	ug/l	96
15) Acrylonitrile	3.063	53	108507	109.474	ug/l	99
16) Acetone	2.380	43	96773	112.514	ug/l	92
17) Carbon Disulfide	2.514	76	85163	22.366	ug/l	100
18) Methyl Acetate	2.703	43	47030	21.902	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	113670	21.985	ug/l	99
20) Methylene Chloride	2.788	84	40742	22.199	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	38140	22.227	ug/l	86
22) Diisopropyl ether	3.764	45	116360	22.459	ug/l	91
23) Vinyl Acetate	3.721	43	531484	113.192	ug/l	96
24) 1,1-Dichloroethane	3.611	63	66866	22.043	ug/l	96
25) 2-Butanone	4.556	43	150360	111.265	ug/l	97
26) 2,2-Dichloropropane	4.471	77	51451	21.368	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	46465	22.415	ug/l	87
28) Bromochloromethane	4.898	49	25587	20.020	ug/l #	75
29) Tetrahydrofuran	5.007	42	99463	111.176	ug/l	95
30) Chloroform	5.093	83	73085	22.172	ug/l	97
31) Cyclohexane	5.471	56	56698	22.367	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	62141	21.481	ug/l	97
36) 1,1-Dichloropropene	5.696	75	49266	22.075	ug/l	96
37) Ethyl Acetate	4.715	43	58146	21.817	ug/l	98
38) Carbon Tetrachloride	5.678	117	56753	21.932	ug/l	94
39) Methylcyclohexane	7.379	83	62344	22.263	ug/l	94
40) Benzene	6.038	78	152305	22.357	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041093.D
 Acq On : 16 Apr 2024 10:11
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 17 01:38:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30833	22.075	ug/l	93
42) 1,2-Dichloroethane	6.086	62	54793	22.446	ug/l	95
43) Isopropyl Acetate	6.342	43	86684	21.903	ug/l	97
44) Trichloroethene	7.123	130	43944	21.718	ug/l	90
45) 1,2-Dichloropropane	7.428	63	36048	22.285	ug/l	97
46) Dibromomethane	7.580	93	28601	22.487	ug/l #	78
47) Bromodichloromethane	7.824	83	54281	21.926	ug/l	97
48) Methyl methacrylate	7.696	41	43309	22.419	ug/l	93
49) 1,4-Dioxane	7.659	88	20271	449.062	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	302645	112.569	ug/l	98
52) Toluene	8.720	92	100857	22.679	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	52376	22.058	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	57645	22.097	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	40140	22.480	ug/l	98
56) Ethyl methacrylate	9.116	69	59057	20.525	ug/l	95
57) 1,3-Dichloropropane	9.305	76	64625	22.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	137171	109.234	ug/l	93
59) 2-Hexanone	9.427	43	238156	114.510	ug/l	97
60) Dibromochloromethane	9.519	129	47893	22.175	ug/l	98
61) 1,2-Dibromoethane	9.610	107	42912	22.001	ug/l	98
64) Tetrachloroethene	9.275	164	44855	22.720	ug/l	89
65) Chlorobenzene	10.080	112	119472	21.786	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	40961	21.835	ug/l	99
67) Ethyl Benzene	10.195	91	191501	22.379	ug/l	97
68) m/p-Xylenes	10.299	106	152895	44.921	ug/l	94
69) o-Xylene	10.640	106	74222	22.402	ug/l	93
70) Styrene	10.653	104	127614	22.683	ug/l	95
71) Bromoform	10.799	173	37729	21.353	ug/l #	99
73) Isopropylbenzene	10.964	105	194851	22.367	ug/l	97
74) N-amyl acetate	10.842	43	75880	21.958	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	62773	21.960	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	51775m	21.513	ug/l	
77) Bromobenzene	11.195	156	56193	21.972	ug/l	78
78) n-propylbenzene	11.305	91	222011	22.726	ug/l	96
79) 2-Chlorotoluene	11.366	91	133685	22.448	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	163804	22.573	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17311	20.181	ug/l	97
82) 4-Chlorotoluene	11.451	91	156543	22.576	ug/l	93
83) tert-Butylbenzene	11.713	119	169662	21.922	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	165979	22.919	ug/l	94
85) sec-Butylbenzene	11.890	105	206721	22.261	ug/l	95
86) p-Isopropyltoluene	12.006	119	186558	22.637	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	104966	21.756	ug/l	95
88) 1,4-Dichlorobenzene	12.037	146	106938	21.017	ug/l	95
89) n-Butylbenzene	12.329	91	154414	22.084	ug/l	97
90) Hexachloroethane	12.536	117	29133	20.875	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	103961	21.714	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13599	21.933	ug/l	55
93) 1,2,4-Trichlorobenzene	13.585	180	77808	21.624	ug/l	95
94) Hexachlorobutadiene	13.725	225	37109	21.633	ug/l	99
95) Naphthalene	13.774	128	217595	22.389	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77756	21.763	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
Data File : VX041093.D
Acq On : 16 Apr 2024 10:11
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 01:38:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 01:32:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

