

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043024.D
 Acq On : 14 Aug 2024 12:07
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 14 14:00:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 13:56:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	122900	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	224676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32822	20.324	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.640%#		
35) Dibromofluoromethane	5.385	113	27654	19.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.800%#		
50) Toluene-d8	8.647	98	106279	19.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.620%#		
62) 4-Bromofluorobenzene	11.079	95	37177	19.109	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.220%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25854	20.807	ug/l	95
3) Chloromethane	1.300	50	39544	21.499	ug/l	91
4) Vinyl Chloride	1.374	62	39851	21.571	ug/l	100
5) Bromomethane	1.599	94	11533	20.602	ug/l	100
6) Chloroethane	1.666	64	13553	23.276	ug/l	96
7) Trichlorofluoromethane	1.873	101	45827	23.724	ug/l	99
8) Diethyl Ether	2.136	74	18968	21.226	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	29740	21.528	ug/l	99
10) Methyl Iodide	2.447	142	31057	20.046	ug/l	# 85
11) Tert butyl alcohol	2.995	59	42461	101.688	ug/l	# 93
12) 1,1-Dichloroethene	2.312	96	32567	21.969	ug/l	85
13) Acrolein	2.245	56	36942	87.701	ug/l	100
14) Allyl chloride	2.660	41	61605	22.173	ug/l	88
15) Acrylonitrile	3.074	53	112760	109.263	ug/l	97
16) Acetone	2.392	43	82550	103.063	ug/l	# 89
17) Carbon Disulfide	2.501	76	91099	21.429	ug/l	99
18) Methyl Acetate	2.709	43	56405	21.310	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	107382	21.493	ug/l	98
20) Methylene Chloride	2.788	84	38452	20.760	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	33252	21.509	ug/l	90
22) Diisopropyl ether	3.769	45	121946	21.494	ug/l	93
23) Vinyl Acetate	3.727	43	732343	110.723	ug/l	98
24) 1,1-Dichloroethane	3.605	63	62368	21.796	ug/l	97
25) 2-Butanone	4.568	43	152566	108.657	ug/l	97
26) 2,2-Dichloropropane	4.471	77	49610	21.763	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	40351	21.624	ug/l	90
28) Bromochloromethane	4.903	49	26768	20.678	ug/l	99
29) Tetrahydrofuran	5.019	42	103859	106.720	ug/l	99
30) Chloroform	5.092	83	58837	21.405	ug/l	97
31) Cyclohexane	5.464	56	57365	21.315	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	49704	21.660	ug/l	98
36) 1,1-Dichloropropene	5.690	75	40687	21.071	ug/l	95
37) Ethyl Acetate	4.721	43	59587	21.906	ug/l	98
38) Carbon Tetrachloride	5.672	117	42029	21.526	ug/l	98
39) Methylcyclohexane	7.379	83	57696	21.582	ug/l	95
40) Benzene	6.037	78	142698	21.692	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043024.D
 Acq On : 14 Aug 2024 12:07
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 14 14:00:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 13:56:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	31338	21.860	ug/l	92
42) 1,2-Dichloroethane	6.086	62	41817	21.854	ug/l	92
43) Isopropyl Acetate	6.348	43	94676	21.572	ug/l	97
44) Trichloroethene	7.123	130	32350	21.716	ug/l	98
45) 1,2-Dichloropropane	7.433	63	35559	21.965	ug/l	96
46) Dibromomethane	7.580	93	23788	21.490	ug/l	95
47) Bromodichloromethane	7.824	83	46823	21.786	ug/l	99
48) Methyl methacrylate	7.696	41	44116	21.320	ug/l	91
49) 1,4-Dioxane	7.671	88	18582	432.918	ug/l #	74
51) 4-Methyl-2-Pentanone	8.573	43	307174	110.132	ug/l	99
52) Toluene	8.720	92	86328	21.724	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	50243	21.407	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	55364	21.448	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	33430	21.418	ug/l	94
56) Ethyl methacrylate	9.116	69	62126	21.981	ug/l	92
57) 1,3-Dichloropropane	9.311	76	57685	21.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	137475	103.651	ug/l	99
59) 2-Hexanone	9.433	43	235668	109.954	ug/l	95
60) Dibromochloromethane	9.518	129	35729	21.709	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34565	21.959	ug/l	98
64) Tetrachloroethene	9.275	164	26871	21.658	ug/l	95
65) Chlorobenzene	10.079	112	91485	22.058	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30633	21.919	ug/l	97
67) Ethyl Benzene	10.195	91	158409	21.979	ug/l	99
68) m/p-Xylenes	10.299	106	123176	44.444	ug/l	94
69) o-Xylene	10.640	106	62624	22.492	ug/l	93
70) Styrene	10.652	104	104203	22.322	ug/l	95
71) Bromoform	10.799	173	25155	21.673	ug/l #	99
73) Isopropylbenzene	10.963	105	152755	22.310	ug/l	97
74) N-amyl acetate	10.841	43	84442	21.652	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	55769	21.160	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	50390m	19.211	ug/l	
77) Bromobenzene	11.201	156	35850	21.795	ug/l	94
78) n-propylbenzene	11.305	91	172918	22.160	ug/l	99
79) 2-Chlorotoluene	11.366	91	105233	21.669	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	125197	22.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19136	20.290	ug/l #	80
82) 4-Chlorotoluene	11.457	91	117457	21.704	ug/l	97
83) tert-Butylbenzene	11.713	119	127200	21.790	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	125541	22.062	ug/l	95
85) sec-Butylbenzene	11.890	105	158048	22.303	ug/l	99
86) p-Isopropyltoluene	12.006	119	127430	22.010	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	64141	21.686	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	65200	21.545	ug/l	98
89) n-Butylbenzene	12.335	91	105822	21.114	ug/l	98
90) Hexachloroethane	12.536	117	24853	21.373	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	66091	22.163	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11392	22.095	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	35152	20.942	ug/l	98
94) Hexachlorobutadiene	13.725	225	13774	21.991	ug/l	98
95) Naphthalene	13.774	128	143743	21.684	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37486	21.835	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
Data File : VX043024.D
Acq On : 14 Aug 2024 12:07
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 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

Quant Time: Aug 14 14:00:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 13:56:03 2024
Response via : Initial Calibration

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

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

