

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041289.D
 Acq On : 30 Apr 2024 09:28
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 02:25:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:16:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	231247	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	296206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48858	19.408	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.820%#		
35) Dibromofluoromethane	5.385	113	41421	20.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.280%#		
50) Toluene-d8	8.647	98	126116	19.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.700%#		
62) 4-Bromofluorobenzene	11.079	95	49652	20.189	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.380%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32353	17.026	ug/l	96
3) Chloromethane	1.300	50	36120	18.370	ug/l	94
4) Vinyl Chloride	1.374	62	35874	19.139	ug/l	97
5) Bromomethane	1.599	94	19110	16.263	ug/l	98
6) Chloroethane	1.666	64	15776	18.127	ug/l	97
7) Trichlorofluoromethane	1.867	101	60995	18.871	ug/l	100
8) Diethyl Ether	2.136	74	22120	19.417	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.319	101	35944	19.787	ug/l #	87
10) Methyl Iodide	2.447	142	35880	18.352	ug/l	90
11) Tert butyl alcohol	3.032	59	48506	96.266	ug/l #	95
12) 1,1-Dichloroethene	2.306	96	35125	19.601	ug/l	88
13) Acrolein	2.239	56	41003	102.576	ug/l	99
14) Allyl chloride	2.660	41	63083	20.953	ug/l	98
15) Acrylonitrile	3.075	53	115219	100.191	ug/l	99
16) Acetone	2.392	43	110839	97.597	ug/l	96
17) Carbon Disulfide	2.501	76	79155	18.791	ug/l	99
18) Methyl Acetate	2.709	43	51793	20.109	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	129312	19.795	ug/l	98
20) Methylene Chloride	2.788	84	43094	19.718	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	39373	19.661	ug/l	90
22) Diisopropyl ether	3.763	45	129004	20.218	ug/l	98
23) Vinyl Acetate	3.721	43	582348	102.030	ug/l	96
24) 1,1-Dichloroethane	3.605	63	71661	19.880	ug/l	98
25) 2-Butanone	4.574	43	165958	101.855	ug/l	98
26) 2,2-Dichloropropane	4.471	77	59522	19.749	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	47997	20.242	ug/l	91
28) Bromochloromethane	4.903	49	26618	20.691	ug/l #	74
29) Tetrahydrofuran	5.013	42	105434	98.944	ug/l	94
30) Chloroform	5.092	83	75832	20.221	ug/l	96
31) Cyclohexane	5.458	56	61452	20.225	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	67442	19.766	ug/l	98
36) 1,1-Dichloropropene	5.690	75	50493	21.037	ug/l	96
37) Ethyl Acetate	4.721	43	63729	21.279	ug/l	100
38) Carbon Tetrachloride	5.672	117	58326	21.212	ug/l	99
39) Methylcyclohexane	7.379	83	57510	20.395	ug/l	91
40) Benzene	6.037	78	153626	20.762	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	33478	21.719	ug/l	94
42) 1,2-Dichloroethane	6.086	62	57006	21.022	ug/l	97
43) Isopropyl Acetate	6.348	43	88035	19.551	ug/l	98
44) Trichloroethene	7.123	130	37606	19.247	ug/l	89
45) 1,2-Dichloropropane	7.427	63	32784	19.830	ug/l	98
46) Dibromomethane	7.580	93	26490	20.128	ug/l #	78
47) Bromodichloromethane	7.824	83	47343	20.187	ug/l	97
48) Methyl methacrylate	7.696	41	42455	20.567	ug/l	95
49) 1,4-Dioxane	7.671	88	17611m	413.878	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	270638	100.162	ug/l	100
52) Toluene	8.714	92	91946	20.313	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	47853	20.594	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	52909	20.521	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	34716	19.916	ug/l	96
56) Ethyl methacrylate	9.116	69	53454	19.814	ug/l	97
57) 1,3-Dichloropropane	9.305	76	62073	21.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	136062	104.017	ug/l	93
59) 2-Hexanone	9.433	43	237064	109.721	ug/l	100
60) Dibromochloromethane	9.519	129	41531	20.238	ug/l	99
61) 1,2-Dibromoethane	9.610	107	40554	21.147	ug/l	100
64) Tetrachloroethene	9.275	164	38892	18.760	ug/l	90
65) Chlorobenzene	10.079	112	119972	20.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	41892	20.400	ug/l	98
67) Ethyl Benzene	10.195	91	197467	20.594	ug/l	97
68) m/p-Xylenes	10.299	106	156905	40.863	ug/l	93
69) o-Xylene	10.640	106	75781	20.612	ug/l	94
70) Styrene	10.652	104	127008	21.052	ug/l	95
71) Bromoform	10.799	173	35535	19.336	ug/l #	99
73) Isopropylbenzene	10.963	105	192902	22.480	ug/l	96
74) N-amyl acetate	10.841	43	84044	22.418	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	57914	20.597	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47894m	20.517	ug/l	
77) Bromobenzene	11.195	156	51552	21.286	ug/l	78
78) n-propylbenzene	11.305	91	178183	19.770	ug/l	96
79) 2-Chlorotoluene	11.366	91	110281	18.988	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	135678	19.396	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17291	20.559	ug/l	99
82) 4-Chlorotoluene	11.451	91	123636	18.751	ug/l	91
83) tert-Butylbenzene	11.713	119	146347	19.537	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	139500	19.819	ug/l	96
85) sec-Butylbenzene	11.890	105	179136	20.867	ug/l	95
86) p-Isopropyltoluene	12.006	119	161347	20.927	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	90114	20.471	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	90507	19.956	ug/l	95
89) n-Butylbenzene	12.329	91	124847	20.138	ug/l	97
90) Hexachloroethane	12.536	117	25992	20.159	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	92671	19.930	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13143	20.228	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	68851	21.184	ug/l	96
94) Hexachlorobutadiene	13.725	225	33792	20.820	ug/l	99
95) Naphthalene	13.774	128	212305	22.043	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71829	21.624	ug/l	95

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

