

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041156.D
 Acq On : 18 Apr 2024 12:08
 Operator : JC/MD
 Sample : VX0418WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 03:29:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	205567	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	283287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109774	49.461	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.920%		
35) Dibromofluoromethane	5.385	113	93925	49.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.260%		
50) Toluene-d8	8.647	98	332380	50.144	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.280%		
62) 4-Bromofluorobenzene	11.079	95	123184	48.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30754	18.862	ug/l	98
3) Chloromethane	1.301	50	32706	18.049	ug/l	98
4) Vinyl Chloride	1.374	62	33137	15.955	ug/l	97
5) Bromomethane	1.599	94	18293	14.049	ug/l	91
6) Chloroethane	1.666	64	11190	8.162	ug/l	95
7) Trichlorofluoromethane	1.861	101	53285	16.345	ug/l	97
8) Diethyl Ether	2.136	74	23094	18.052	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	34622	18.269	ug/l #	85
10) Methyl Iodide	2.441	142	41831	21.012	ug/l #	87
11) Tert butyl alcohol	3.038	59	36105	83.155	ug/l #	94
12) 1,1-Dichloroethene	2.306	96	31212	17.203	ug/l	83
13) Acrolein	2.239	56	51600	94.497	ug/l	97
14) Allyl chloride	2.654	41	52312	17.828	ug/l #	92
15) Acrylonitrile	3.069	53	102907	95.725	ug/l	98
16) Acetone	2.392	43	82501	88.438	ug/l	91
17) Carbon Disulfide	2.502	76	55926	13.542	ug/l	100
18) Methyl Acetate	2.709	43	48364	20.767	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	113155	20.178	ug/l	100
20) Methylene Chloride	2.782	84	37019	18.597	ug/l	88
21) trans-1,2-Dichloroethene	3.081	96	31530	16.942	ug/l	92
22) Diisopropyl ether	3.764	45	111690	19.876	ug/l	93
23) Vinyl Acetate	3.721	43	496733	97.538	ug/l	96
24) 1,1-Dichloroethane	3.605	63	61613	18.727	ug/l	98
25) 2-Butanone	4.568	43	136022	92.803	ug/l	93
26) 2,2-Dichloropropane	4.465	77	48524	18.581	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	41059	18.262	ug/l	89
28) Bromochloromethane	4.897	49	24321	17.174	ug/l #	73
29) Tetrahydrofuran	5.013	42	89677	92.419	ug/l	93
30) Chloroform	5.093	83	65491	18.318	ug/l	93
31) Cyclohexane	5.458	56	49671	18.067	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	56268	17.934	ug/l	96
36) 1,1-Dichloropropene	5.690	75	41588	17.358	ug/l	96
37) Ethyl Acetate	4.721	43	55912	19.542	ug/l	99
38) Carbon Tetrachloride	5.672	117	47494	17.096	ug/l	94
39) Methylcyclohexane	7.373	83	55835	18.573	ug/l	92
40) Benzene	6.031	78	136868	18.714	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29339	19.566	ug/l	93
42) 1,2-Dichloroethane	6.080	62	49361	18.835	ug/l	95
43) Isopropyl Acetate	6.342	43	81912	19.279	ug/l	96
44) Trichloroethene	7.123	130	38089	17.535	ug/l	91
45) 1,2-Dichloropropane	7.428	63	33725	19.420	ug/l	96
46) Dibromomethane	7.580	93	25457	18.644	ug/l #	76
47) Bromodichloromethane	7.818	83	47271	17.786	ug/l	97
48) Methyl methacrylate	7.696	41	40212	19.390	ug/l	91
49) 1,4-Dioxane	7.671	88	14316	295.414	ug/l #	100
51) 4-Methyl-2-Pentanone	8.580	43	282876	98.007	ug/l	98
52) Toluene	8.714	92	89624	18.773	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	44800	17.574	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	50165	17.912	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	36796	19.196	ug/l	98
56) Ethyl methacrylate	9.122	69	56763	18.392	ug/l	93
57) 1,3-Dichloropropane	9.305	76	60656	19.419	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	132887	98.573	ug/l	92
59) 2-Hexanone	9.433	43	217561	97.441	ug/l	97
60) Dibromochloromethane	9.519	129	40394	17.422	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38655	18.461	ug/l	99
64) Tetrachloroethene	9.275	164	36705	18.030	ug/l	90
65) Chlorobenzene	10.079	112	104168	18.421	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	37020	19.137	ug/l	97
67) Ethyl Benzene	10.195	91	168882	19.139	ug/l	97
68) m/p-Xylenes	10.299	106	135636	38.645	ug/l	92
69) o-Xylene	10.640	106	66614	19.497	ug/l	92
70) Styrene	10.659	104	110923	19.120	ug/l	94
71) Bromoform	10.799	173	31690	17.393	ug/l #	98
73) Isopropylbenzene	10.963	105	173728	21.191	ug/l	96
74) N-amyl acetate	10.842	43	71126	21.870	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	59695	22.190	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46395m	20.484	ug/l	
77) Bromobenzene	11.195	156	50046	20.793	ug/l	78
78) n-propylbenzene	11.305	91	184732	20.093	ug/l	95
79) 2-Chlorotoluene	11.366	91	116898	20.858	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	143291	20.982	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	14308	18.031	ug/l	98
82) 4-Chlorotoluene	11.457	91	130755	20.037	ug/l	92
83) tert-Butylbenzene	11.713	119	157419	21.613	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	146943	21.560	ug/l	94
85) sec-Butylbenzene	11.890	105	180774	20.685	ug/l	96
86) p-Isopropyltoluene	12.006	119	158267	20.406	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	89150	19.634	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	89233	18.635	ug/l	96
89) n-Butylbenzene	12.329	91	115594	17.567	ug/l	97
90) Hexachloroethane	12.536	117	24760	18.852	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	91612	20.332	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12099	20.735	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.585	180	58627	17.313	ug/l	95
94) Hexachlorobutadiene	13.725	225	31265	19.367	ug/l	98
95) Naphthalene	13.774	128	179070	19.578	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63155	18.782	ug/l	95

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

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