

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035358.D
 Acq On : 28 Apr 2023 02:17
 Operator : JC/MD
 Sample : VX0427WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

Quant Time: Apr 28 05:40:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	248728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150956	50.306	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.620%			
35) Dibromofluoromethane	5.385	113	125654	51.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.647	98	461134	50.149	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.300%			
62) 4-Bromofluorobenzene	11.079	95	176514	51.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50158	19.058	ug/l	100
3) Chloromethane	1.294	50	40306	16.835	ug/l	98
4) Vinyl Chloride	1.374	62	42152	17.554	ug/l	94
5) Bromomethane	1.617	94	28298	17.730	ug/l	95
6) Chloroethane	1.691	64	25284	18.003	ug/l	99
7) Trichlorofluoromethane	1.892	101	69809	18.590	ug/l	100
8) Diethyl Ether	2.130	74	23484	17.152	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	45423	18.111	ug/l	95
10) Methyl Iodide	2.453	142	46440	14.671	ug/l	98
11) Tert butyl alcohol	3.014	59	49583	90.749	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	43273	17.913	ug/l	99
13) Acrolein	2.239	56	46058	85.717	ug/l	99
14) Allyl chloride	2.666	41	72225	16.989	ug/l	98
15) Acrylonitrile	3.068	53	124492	91.100	ug/l	98
16) Acetone	2.398	43	108747	83.441	ug/l	97
17) Carbon Disulfide	2.514	76	98170	16.952	ug/l	99
18) Methyl Acetate	2.709	43	92606	18.375	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	155575	18.771	ug/l	96
20) Methylene Chloride	2.788	84	51417	17.206	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	47883	18.250	ug/l	91
22) Diisopropyl ether	3.757	45	154873	18.409	ug/l	96
23) Vinyl Acetate	3.721	43	531840	91.971	ug/l	98
24) 1,1-Dichloroethane	3.611	63	87482	18.461	ug/l	98
25) 2-Butanone	4.568	43	164015	86.221	ug/l	94
26) 2,2-Dichloropropane	4.471	77	56009	15.087	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	56579	18.346	ug/l	93
28) Bromochloromethane	4.903	49	43021	21.304	ug/l	85
29) Tetrahydrofuran	5.013	42	108124	88.667	ug/l	95
30) Chloroform	5.092	83	91323	19.090	ug/l	99
31) Cyclohexane	5.470	56	78772	18.505	ug/l #	92
32) 1,1,1-Trichloroethane	5.385	97	79502	18.964	ug/l	97
36) 1,1-Dichloropropene	5.690	75	67533	17.743	ug/l	99
37) Ethyl Acetate	4.721	43	62716	18.041	ug/l	96
38) Carbon Tetrachloride	5.678	117	66344	18.362	ug/l	97
39) Methylcyclohexane	7.379	83	78410	16.924	ug/l	97
40) Benzene	6.037	78	198474	18.178	ug/l	97

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41) Methacrylonitrile	4.922	41	35815	17.980	ug/l	96
42) 1,2-Dichloroethane	6.086	62	71609	18.395	ug/l	97
43) Isopropyl Acetate	6.342	43	101120	17.312	ug/l #	94
44) Trichloroethene	7.129	130	55937	18.597	ug/l	93
45) 1,2-Dichloropropane	7.427	63	50145	18.217	ug/l	98
46) Dibromomethane	7.580	93	34374	18.184	ug/l	91
47) Bromodichloromethane	7.824	83	62944	18.073	ug/l	99
48) Methyl methacrylate	7.696	41	52612	18.362	ug/l	93
49) 1,4-Dioxane	7.726	88	26077	373.372	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	323408	90.120	ug/l	95
52) Toluene	8.720	92	127256	18.387	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	64607	17.763	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	74477	18.116	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	50731	18.387	ug/l	98
56) Ethyl methacrylate	9.116	69	75676	18.413	ug/l	90
57) 1,3-Dichloropropane	9.311	76	86882	18.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	210966	102.657	ug/l	95
59) 2-Hexanone	9.433	43	241915	89.733	ug/l	94
60) Dibromochloromethane	9.518	129	49987	18.910	ug/l	95
61) 1,2-Dibromoethane	9.610	107	53329	18.750	ug/l	99
64) Tetrachloroethene	9.275	164	49373	18.347	ug/l	98
65) Chlorobenzene	10.079	112	136904	18.004	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	49193	18.588	ug/l	98
67) Ethyl Benzene	10.195	91	242409	18.408	ug/l	99
68) m/p-Xylenes	10.299	106	186535	36.967	ug/l	99
69) o-Xylene	10.640	106	91777	18.548	ug/l	98
70) Styrene	10.652	104	149972	18.693	ug/l	98
71) Bromoform	10.799	173	32265	17.528	ug/l #	97
73) Isopropylbenzene	10.963	105	240554	18.862	ug/l	100
74) N-amyl acetate	10.841	43	87891	18.338	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	74338	18.779	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	59679m	17.148	ug/l	
77) Bromobenzene	11.195	156	59372	18.728	ug/l	91
78) n-propylbenzene	11.305	91	269556	18.403	ug/l	99
79) 2-Chlorotoluene	11.366	91	165271	18.057	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	202749	18.854	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15752	14.659	ug/l	91
82) 4-Chlorotoluene	11.457	91	191342	18.613	ug/l	98
83) tert-Butylbenzene	11.713	119	198851	18.429	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	203515	18.835	ug/l	100
85) sec-Butylbenzene	11.890	105	239483	18.095	ug/l	99
86) p-Isopropyltoluene	12.006	119	205582	18.264	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111523	18.511	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	110993	17.571	ug/l	99
89) n-Butylbenzene	12.335	91	162002	17.049	ug/l	98
90) Hexachloroethane	12.536	117	29384	17.053	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	109002	18.089	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14550	18.330	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	67584	17.843	ug/l	99
94) Hexachlorobutadiene	13.725	225	26991	16.237	ug/l	97
95) Naphthalene	13.774	128	223897	19.202	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67372	17.670	ug/l	99

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

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