

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030123\
 Data File : VX034283.D
 Acq On : 01 Mar 2023 11:22
 Operator : JC/MD
 Sample : VX0301WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/02/2023
 Supervised By :Mahesh Dadoda 03/02/2023

Quant Time: Mar 02 00:39:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	323369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	523218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	467071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	240448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193571	44.448	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.900%		
35) Dibromofluoromethane	5.385	113	168312	49.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.647	98	621329	50.799	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.600%		
62) 4-Bromofluorobenzene	11.079	95	236699	50.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58833	21.055	ug/l	99
3) Chloromethane	1.301	50	84773	21.082	ug/l	98
4) Vinyl Chloride	1.374	62	85302	23.294	ug/l	97
5) Bromomethane	1.605	94	49377	33.383	ug/l	97
6) Chloroethane	1.685	64	46222	25.107	ug/l	98
7) Trichlorofluoromethane	1.886	101	121305	24.484	ug/l	96
8) Diethyl Ether	2.130	74	44639	22.364	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	65265	18.705	ug/l	96
10) Methyl Iodide	2.453	142	77994	18.359	ug/l	94
11) Tert butyl alcohol	2.953	59	83351	85.571	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	65762	18.802	ug/l	92
13) Acrolein	2.233	56	86930	195.508	ug/l	99
14) Allyl chloride	2.660	41	128546	17.326	ug/l	90
15) Acrylonitrile	3.062	53	193939	91.269	ug/l	98
16) Acetone	2.373	43	184284	82.030	ug/l	95
17) Carbon Disulfide	2.508	76	190066	18.901	ug/l	99
18) Methyl Acetate	2.697	43	123666	17.790	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	223673	18.119	ug/l	99
20) Methylene Chloride	2.788	84	73906	18.258	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	72181	19.695	ug/l	99
22) Diisopropyl ether	3.757	45	251124	19.307	ug/l	93
23) Vinyl Acetate	3.715	43	984885	94.509	ug/l	100
24) 1,1-Dichloroethane	3.611	63	132409	18.543	ug/l	100
25) 2-Butanone	4.550	43	279362	85.943	ug/l	96
26) 2,2-Dichloropropane	4.477	77	114807	17.748	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	82556	19.022	ug/l	96
28) Bromochloromethane	4.891	49	59544	18.693	ug/l	90
29) Tetrahydrofuran	5.001	42	180768	91.160	ug/l	98
30) Chloroform	5.093	83	129697	18.916	ug/l	99
31) Cyclohexane	5.471	56	124004	19.071	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	115111	18.728	ug/l	98
36) 1,1-Dichloropropene	5.690	75	98172	19.486	ug/l	99
37) Ethyl Acetate	4.708	43	106581	18.929	ug/l	100
38) Carbon Tetrachloride	5.678	117	99751	19.241	ug/l	97
39) Methylcyclohexane	7.379	83	128026	19.746	ug/l	98
40) Benzene	6.031	78	300872	20.152	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57987	18.484	ug/l	97
42) 1,2-Dichloroethane	6.086	62	99669	18.981	ug/l	100
43) Isopropyl Acetate	6.336	43	184890	18.608	ug/l	99
44) Trichloroethene	7.123	130	78931	20.601	ug/l	96
45) 1,2-Dichloropropane	7.427	63	79139	19.911	ug/l	97
46) Dibromomethane	7.580	93	51595	19.725	ug/l	89
47) Bromodichloromethane	7.818	83	100905	18.797	ug/l	92
48) Methyl methacrylate	7.690	41	86328	18.305	ug/l	97
49) 1,4-Dioxane	7.659	88	37864	402.527	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	549169	100.459	ug/l	99
52) Toluene	8.714	92	189997	21.002	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	118336	19.151	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	126784	19.166	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	74632	20.438	ug/l	98
56) Ethyl methacrylate	9.116	69	119436	19.335	ug/l	97
57) 1,3-Dichloropropane	9.305	76	129071	20.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	249178	93.117	ug/l	96
59) 2-Hexanone	9.427	43	415479	99.728	ug/l	98
60) Dibromochloromethane	9.519	129	80258	19.891	ug/l	100
61) 1,2-Dibromoethane	9.610	107	78958	20.445	ug/l	99
64) Tetrachloroethene	9.275	164	69834	21.184	ug/l	98
65) Chlorobenzene	10.079	112	199160	20.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76340	20.254	ug/l	97
67) Ethyl Benzene	10.195	91	362591	20.730	ug/l	99
68) m/p-Xylenes	10.299	106	283515	42.355	ug/l	97
69) o-Xylene	10.640	106	138845	20.835	ug/l	97
70) Styrene	10.653	104	228269	21.062	ug/l	97
71) Bromoform	10.799	173	59652	19.389	ug/l #	100
73) Isopropylbenzene	10.963	105	359009	19.591	ug/l	99
74) N-amyl acetate	10.842	43	165392	17.965	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	115558	18.437	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92498m	15.288	ug/l	
77) Bromobenzene	11.195	156	86630	19.644	ug/l	88
78) n-propylbenzene	11.305	91	418228	19.624	ug/l	98
79) 2-Chlorotoluene	11.366	91	248966	19.051	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	307542	19.961	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	39720	16.865	ug/l	92
82) 4-Chlorotoluene	11.451	91	287722	19.330	ug/l	97
83) tert-Butylbenzene	11.713	119	299309	18.968	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	302428	19.414	ug/l	98
85) sec-Butylbenzene	11.890	105	379607	19.810	ug/l	98
86) p-Isopropyltoluene	12.006	119	316755	19.974	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	163598	19.781	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	164343	19.701	ug/l	96
89) n-Butylbenzene	12.335	91	277916	19.676	ug/l	98
90) Hexachloroethane	12.536	117	59612	17.978	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	160072	19.782	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23740	15.884	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	98796	19.017	ug/l	97
94) Hexachlorobutadiene	13.725	225	41675	19.351	ug/l	98
95) Naphthalene	13.774	128	320112	18.291	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	98958	19.187	ug/l	99

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

