

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033685.D
 Acq On : 10 Jan 2023 15:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/11/2023
 Supervised By : Mahesh Dadoda 01/11/2023

Quant Time: Jan 11 00:33:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	162377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97641	53.268	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.540%			
35) Dibromofluoromethane	5.379	113	82028	52.405	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.820%			
50) Toluene-d8	8.647	98	304592	54.443	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.880%			
62) 4-Bromofluorobenzene	11.079	95	114966	57.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65274	48.744	ug/l	99
3) Chloromethane	1.294	50	78522	47.644	ug/l	100
4) Vinyl Chloride	1.374	62	80154	54.831	ug/l	100
5) Bromomethane	1.618	94	34673	42.417	ug/l	92
6) Chloroethane	1.691	64	40589	48.186	ug/l	99
7) Trichlorofluoromethane	1.886	101	111385	53.859	ug/l	97
8) Diethyl Ether	2.130	74	33598	51.655	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	75615	74.185	ug/l	99
10) Methyl Iodide	2.453	142	96141	50.952	ug/l	99
11) Tert butyl alcohol	3.026	59	69769m	231.698	ug/l	
12) 1,1-Dichloroethene	2.319	96	70713	74.335	ug/l	96
13) Acrolein	2.239	56	57730	320.613	ug/l	100
14) Allyl chloride	2.666	41	134319	53.023	ug/l	100
15) Acrylonitrile	3.069	53	201525	247.424	ug/l	99
16) Acetone	2.398	43	170811	275.182	ug/l	99
17) Carbon Disulfide	2.514	76	177210	50.631	ug/l	98
18) Methyl Acetate	2.703	43	124452	48.983	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	247973	52.012	ug/l	99
20) Methylene Chloride	2.788	84	82120	53.334	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	77819	51.940	ug/l	98
22) Diisopropyl ether	3.751	45	278173	54.499	ug/l	93
23) Vinyl Acetate	3.715	43	1056905	269.658	ug/l	100
24) 1,1-Dichloroethane	3.605	63	144140	52.194	ug/l	99
25) 2-Butanone	4.556	43	276223	230.792	ug/l	98
26) 2,2-Dichloropropane	4.471	77	108607	56.886	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	92186	53.050	ug/l	99
28) Bromochloromethane	4.891	49	57703	51.437	ug/l	99
29) Tetrahydrofuran	5.007	42	181611	239.243	ug/l	99
30) Chloroform	5.086	83	150988	53.518	ug/l	99
31) Cyclohexane	5.471	56	131275	51.446	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	130610	53.541	ug/l	99
36) 1,1-Dichloropropene	5.690	75	110805	52.260	ug/l	99
37) Ethyl Acetate	4.708	43	116813	49.724	ug/l	99
38) Carbon Tetrachloride	5.672	117	120268	53.600	ug/l	99
39) Methylcyclohexane	7.379	83	137250	51.845	ug/l	99
40) Benzene	6.031	78	323375	52.182	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	67001	52.010	ug/l	100
42) 1,2-Dichloroethane	6.080	62	121376	52.544	ug/l	100
43) Isopropyl Acetate	6.330	43	182116	50.238	ug/l	99
44) Trichloroethene	7.123	130	91994	52.022	ug/l	98
45) 1,2-Dichloropropane	7.428	63	85178	53.357	ug/l	99
46) Dibromomethane	7.574	93	59806	53.512	ug/l	100
47) Bromodichloromethane	7.818	83	120793	55.788	ug/l	99
48) Methyl methacrylate	7.690	41	95223	51.893	ug/l	99
49) 1,4-Dioxane	7.720	88	36305	930.181	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	580477	252.996	ug/l	100
52) Toluene	8.714	92	213021	52.285	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	124713	52.069	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	135995	56.743	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	87878	55.067	ug/l	98
56) Ethyl methacrylate	9.110	69	128614	53.984	ug/l	99
57) 1,3-Dichloropropane	9.305	76	145836	53.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	300599	248.043	ug/l	100
59) 2-Hexanone	9.427	43	416114	245.506	ug/l	99
60) Dibromochloromethane	9.519	129	100406	57.521	ug/l	100
61) 1,2-Dibromoethane	9.610	107	91802	54.387	ug/l	100
64) Tetrachloroethene	9.269	164	81798	50.243	ug/l	99
65) Chlorobenzene	10.079	112	238114	52.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	91871	54.289	ug/l	100
67) Ethyl Benzene	10.189	91	419015	53.025	ug/l	99
68) m/p-Xylenes	10.299	106	332023	107.663	ug/l	98
69) o-Xylene	10.640	106	163316	53.413	ug/l	100
70) Styrene	10.653	104	273811	54.511	ug/l	99
71) Bromoform	10.799	173	77591	57.269	ug/l #	98
73) Isopropylbenzene	10.963	105	426814	50.911	ug/l	100
74) N-amyl acetate	10.842	43	161411	47.516	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	125287	47.948	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101478m	46.661	ug/l	
77) Bromobenzene	11.195	156	113325	51.065	ug/l	99
78) n-propylbenzene	11.305	91	490503	51.609	ug/l	100
79) 2-Chlorotoluene	11.366	91	287113	50.298	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	357620	51.813	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	37076	51.743	ug/l	96
82) 4-Chlorotoluene	11.451	91	328460	49.768	ug/l	100
83) tert-Butylbenzene	11.713	119	367730	51.065	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	355076	51.269	ug/l	100
85) sec-Butylbenzene	11.890	105	450714	52.976	ug/l	100
86) p-Isopropyltoluene	12.006	119	388729	53.469	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	205901	51.549	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	208809	53.441	ug/l	99
89) n-Butylbenzene	12.329	91	326329	53.675	ug/l	100
90) Hexachloroethane	12.536	117	65930	56.211	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	200499	52.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25556	52.598	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	142615	53.844	ug/l	98
94) Hexachlorobutadiene	13.725	225	67283	57.704	ug/l	100
95) Naphthalene	13.774	128	406605	48.763	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	140397	50.802	ug/l	99

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

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