

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035069.D
 Acq On : 14 Apr 2023 09:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 17 04:57:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

04/17/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	277037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	465004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206175	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	178584	42.150	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.300%
35) Dibromofluoromethane	5.385	113	137061	44.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.120%
50) Toluene-d8	8.647	98	489694	43.136	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.280%#
62) 4-Bromofluorobenzene	11.079	95	196911	44.823	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	168781	61.083	ug/l	100
3) Chloromethane	1.294	50	168088	48.586	ug/l	100
4) Vinyl Chloride	1.374	62	164609	48.054	ug/l	96
5) Bromomethane	1.617	94	102377	45.993	ug/l	99
6) Chloroethane	1.691	64	88703	39.801	ug/l	96
7) Trichlorofluoromethane	1.886	101	229661	41.704	ug/l	99
8) Diethyl Ether	2.130	74	97743	50.346	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	145203	50.448	ug/l	98
10) Methyl Iodide	2.453	142	182612	50.947	ug/l	96
11) Tert butyl alcohol	3.001	59	170464	229.311	ug/l	95
12) 1,1-Dichloroethene	2.318	96	137396	48.309	ug/l	94
13) Acrolein	2.239	56	231911	303.059	ug/l	99
14) Allyl chloride	2.666	41	277444	49.793	ug/l	97
15) Acrylonitrile	3.068	53	453251	270.874	ug/l	99
16) Acetone	2.392	43	373236	216.851	ug/l	98
17) Carbon Disulfide	2.514	76	351289	49.318	ug/l	99
18) Methyl Acetate	2.703	43	336670	55.053	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	548783	52.116	ug/l	100
20) Methylene Chloride	2.788	84	171418	50.470	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	155496	50.131	ug/l	99
22) Diisopropyl ether	3.757	45	569892	50.690	ug/l	93
23) Vinyl Acetate	3.721	43	2146087	267.654	ug/l	100
24) 1,1-Dichloroethane	3.605	63	300569	49.688	ug/l	99
25) 2-Butanone	4.562	43	633326	252.960	ug/l	96
26) 2,2-Dichloropropane	4.477	77	238439	47.932	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	186572	50.762	ug/l	99
28) Bromochloromethane	4.891	49	133622	45.157	ug/l	95
29) Tetrahydrofuran	5.007	42	415320	264.799	ug/l	100
30) Chloroform	5.092	83	304940	49.632	ug/l	98
31) Cyclohexane	5.470	56	249950	48.449	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	257381	49.090	ug/l	98
36) 1,1-Dichloropropene	5.690	75	223120	48.966	ug/l	99
37) Ethyl Acetate	4.708	43	249165	52.296	ug/l	98
38) Carbon Tetrachloride	5.678	117	217392	50.603	ug/l	99
39) Methylcyclohexane	7.379	83	236782	48.936	ug/l	96
40) Benzene	6.037	78	659829	50.445	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	143277	55.295	ug/l	99
42) 1,2-Dichloroethane	6.086	62	256455	49.316	ug/l	99
43) Isopropyl Acetate	6.336	43	419747	52.658	ug/l	98
44) Trichloroethene	7.123	130	173157	51.859	ug/l	100
45) 1,2-Dichloropropane	7.427	63	176881	51.894	ug/l	99
46) Dibromomethane	7.580	93	121273	51.711	ug/l	96
47) Bromodichloromethane	7.818	83	234388	54.106	ug/l	99
48) Methyl methacrylate	7.689	41	210840	53.860	ug/l	96
49) 1,4-Dioxane	7.708	88	73130	906.500	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	1255652	266.164	ug/l	99
52) Toluene	8.720	92	419713	49.213	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	261665	56.149	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	285338	55.949	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	172376	53.402	ug/l	98
56) Ethyl methacrylate	9.116	69	282168	55.793	ug/l	96
57) 1,3-Dichloropropane	9.305	76	306567	53.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	698183	271.129	ug/l	99
59) 2-Hexanone	9.427	43	947474	265.534	ug/l	97
60) Dibromochloromethane	9.518	129	177478	57.719	ug/l	99
61) 1,2-Dibromoethane	9.610	107	182901	54.491	ug/l	100
64) Tetrachloroethene	9.275	164	147793	49.548	ug/l	97
65) Chlorobenzene	10.079	112	448306	51.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	165161	55.386	ug/l	99
67) Ethyl Benzene	10.195	91	792196	50.426	ug/l	100
68) m/p-Xylenes	10.299	106	611845	101.955	ug/l	98
69) o-Xylene	10.640	106	302196	51.404	ug/l	99
70) Styrene	10.652	104	511931	54.549	ug/l	98
71) Bromoform	10.799	173	125150	61.706	ug/l	98
73) Isopropylbenzene	10.963	105	749932	49.657	ug/l	100
74) N-amyl acetate	10.841	43	364067	53.616	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	258462	52.217	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	217111m	52.262	ug/l	
77) Bromobenzene	11.195	156	192185	51.357	ug/l	97
78) n-propylbenzene	11.305	91	854811	48.997	ug/l	99
79) 2-Chlorotoluene	11.366	91	543347	49.327	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	631030	49.974	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	75310	54.329	ug/l	97
82) 4-Chlorotoluene	11.451	91	627595	49.063	ug/l	98
83) tert-Butylbenzene	11.713	119	599219	50.535	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	646677	50.360	ug/l	99
85) sec-Butylbenzene	11.890	105	717030	49.706	ug/l	100
86) p-Isopropyltoluene	12.006	119	616239	51.231	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	355091	52.105	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	361352	50.768	ug/l	99
89) n-Butylbenzene	12.335	91	525904	50.042	ug/l	99
90) Hexachloroethane	12.542	117	99603	53.445	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	355536	52.091	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58876	56.985	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	215256	55.762	ug/l	98
94) Hexachlorobutadiene	13.725	225	86082	50.700	ug/l	97
95) Naphthalene	13.774	128	778214	56.735	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	215940	55.470	ug/l	98

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

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