

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081622\
 Data File : VX030642.D
 Acq On : 16 Aug 2022 09:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050785

Quant Time: Aug 17 02:15:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 16 04:27:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	299055	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	271425	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	140710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62159	32.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.740%
7) Chloroethane-d5	1.666	69	55177	40.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.520%
11) 1,1-Dichloroethene-d2	2.307	63	160003	44.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.080%
21) 2-Butanone-d5	4.459	46	203822	114.544	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.540%
24) Chloroform-d	5.062	84	187507	47.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
26) 1,2-Dichloroethane-d4	5.958	65	122531	45.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
32) Benzene-d6	5.977	84	314809	40.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.980%
36) 1,2-Dichloropropane-d6	7.312	67	117873	46.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.460%
41) Toluene-d8	8.647	98	285429	38.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.900%#
43) trans-1,3-Dichloroprop...	8.952	79	50988	40.631	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.260%
47) 2-Hexanone-d5	9.384	63	140063	108.933	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.930%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	178605	53.898	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	120470	44.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	115047	51.125	ug/L	99
3) Chloromethane	1.288	50	98078	50.687	ug/L	100
5) Vinyl chloride	1.374	62	112610	54.484	ug/L	98
6) Bromomethane	1.611	94	44744	46.068	ug/L	98
8) Chloroethane	1.685	64	68575	58.248	ug/L	99
9) Trichlorofluoromethane	1.886	101	171166	56.035	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	113816	62.645	ug/L	97
12) 1,1-Dichloroethene	2.319	96	101859	60.854	ug/L #	76
13) Acetone	2.386	43	136151	104.400	ug/L	97
14) Carbon disulfide	2.514	76	259225	47.782	ug/L	98
15) Methyl Acetate	2.709	43	149923	55.540	ug/L	99
16) Methylene chloride	2.788	84	123620	58.244	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	108985	56.202	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	388374	58.893	ug/L	98
19) 1,1-Dichloroethane	3.611	63	221295	59.002	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	126143	57.827	ug/L	99
22) 2-Butanone	4.562	43	222332	108.070	ug/L	96
23) Bromochloromethane	4.904	128	64065	58.564	ug/L	94
25) Chloroform	5.093	83	235019	59.639	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	181966	55.480	ug/L	99
29) Cyclohexane	5.471	56	191266	53.006	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	197037	55.034	ug/L	99
31) Carbon tetrachloride	5.678	117	164016	55.506	ug/L	99
33) Benzene	6.038	78	489465	56.245	ug/L	100
34) Trichloroethene	7.129	95	131371	52.122	ug/L	88
35) Methylcyclohexane	7.379	83	192689	52.515	ug/L	99
37) 1,2-Dichloropropane	7.434	63	135363	58.501	ug/L	99
38) Bromodichloromethane	7.824	83	176894	57.764	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	197554	57.234	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	448624	111.337	ug/L	100
42) Toluene	8.720	91	520401	56.607	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	198113	58.642	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	126428	58.762	ug/L	99
46) Tetrachloroethene	9.275	164	84061	52.772	ug/L	98
48) 2-Hexanone	9.433	43	341197	108.982	ug/L	99
49) Dibromochloromethane	9.525	129	134582	58.796	ug/L	98
50) 1,2-Dibromoethane	9.610	107	131753	55.685	ug/L	98
51) Chlorobenzene	10.079	112	329931	57.606	ug/L	99
52) Ethylbenzene	10.195	91	573063	57.169	ug/L	99
53) m,p-Xylene	10.305	106	213802	57.225	ug/L	100
54) o-Xylene	10.640	106	211059	56.690	ug/L	100
55) Styrene	10.659	104	383239	61.135	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	201427	61.528	ug/L	98
59) Bromoform	10.799	173	85440	55.760	ug/L	99
60) Isopropylbenzene	10.963	105	564190	56.567	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	172724	57.159	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	490477	57.601	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	486374	56.560	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	247963	57.191	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	250486	56.831	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	258054	57.554	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	54399	54.574	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	170521	56.082	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	155869	58.371	ug/L	99
71) Naphthalene	13.780	128	625361	56.576	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	161088	57.109	ug/L	99

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

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