

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030121.D
 Acq On : 19 Jul 2022 17:12
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050760

Quant Time: Jul 20 08:38:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:48:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	276064	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	253511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	132188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100027	46.452	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.900%
7) Chloroethane-d5	1.660	69	76563	51.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.760%
11) 1,1-Dichloroethene-d2	2.306	63	209655	50.336	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.680%
21) 2-Butanone-d5	4.458	46	230400	108.800	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.800%
24) Chloroform-d	5.062	84	218663	50.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	5.958	65	135726	49.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.260%
32) Benzene-d6	5.976	84	467962	50.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.300%
36) 1,2-Dichloropropane-d6	7.312	67	146980	49.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	8.653	98	423651	49.757	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
43) trans-1,3-Dichloroprop...	8.952	79	63776	50.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.360%
47) 2-Hexanone-d5	9.384	63	161202	107.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.420%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	207923	52.070	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.140%
66) 1,2-Dichlorobenzene-d4	12.323	152	155896	50.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	124368	53.798	ug/L	98
3) Chloromethane	1.288	50	106402	51.498	ug/L	98
5) Vinyl chloride	1.374	62	109069	50.639	ug/L	99
6) Bromomethane	1.605	94	49197	50.636	ug/L	97
8) Chloroethane	1.685	64	61861	52.046	ug/L	98
9) Trichlorofluoromethane	1.886	101	147070	52.746	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	104512	53.021	ug/L	99
12) 1,1-Dichloroethene	2.319	96	99254	52.227	ug/L #	77
13) Acetone	2.386	43	127030	107.754	ug/L	99
14) Carbon disulfide	2.508	76	272579	50.965	ug/L	100
15) Methyl Acetate	2.709	43	147495	54.934	ug/L	99
16) Methylene chloride	2.788	84	117671	51.293	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	107180	52.998	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	330029	52.973	ug/L	99
19) 1,1-Dichloroethane	3.611	63	194513	52.619	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	122069	51.986	ug/L	93
22) 2-Butanone	4.562	43	223148	110.709	ug/L	100
23) Bromochloromethane	4.903	128	60981	52.188	ug/L	95
25) Chloroform	5.099	83	197845	51.563	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	151831	52.686	ug/L	100
29) Cyclohexane	5.477	56	188049	54.086	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	163873	52.539	ug/L	99
31) Carbon tetrachloride	5.678	117	134919	52.512	ug/L	100
33) Benzene	6.044	78	472675	53.548	ug/L	100
34) Trichloroethene	7.129	95	124813	52.792	ug/L	97
35) Methylcyclohexane	7.379	83	194273	54.621	ug/L	99
37) 1,2-Dichloropropane	7.434	63	122292	52.936	ug/L	100
38) Bromodichloromethane	7.824	83	145952	51.635	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	173763	52.617	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	413100	109.926	ug/L	98
42) Toluene	8.720	91	492547	53.740	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	161980	52.375	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	117675	53.227	ug/L	99
46) Tetrachloroethene	9.275	164	83600	51.041	ug/L	92
48) 2-Hexanone	9.433	43	329099	109.054	ug/L	99
49) Dibromochloromethane	9.525	129	115764	52.330	ug/L	100
50) 1,2-Dibromoethane	9.610	107	122787	52.301	ug/L	99
51) Chlorobenzene	10.079	112	305780	53.098	ug/L	99
52) Ethylbenzene	10.195	91	528107	54.059	ug/L	100
53) m,p-Xylene	10.305	106	205359	53.927	ug/L	100
54) o-Xylene	10.646	106	201986	54.622	ug/L	99
55) Styrene	10.659	104	351735	55.213	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	186472	53.447	ug/L	98
59) Bromoform	10.799	173	76933	49.828	ug/L	98
60) Isopropylbenzene	10.963	105	527726	54.468	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	154479	52.682	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	440281	54.994	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	446436	55.927	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	226620	53.176	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	226748	52.924	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	232260	53.573	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	44446	50.472	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	154345	53.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	141455	56.006	ug/L	99
71) Naphthalene	13.780	128	581272	56.255	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	144404	53.814	ug/L	99

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

