

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081922\
 Data File : VX030705.D
 Acq On : 19 Aug 2022 16:12
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050792

Quant Time: Aug 20 03:56:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 20 02:12:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	293983	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	269919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139406	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88247	46.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.480%
7) Chloroethane-d5	1.660	69	69651	52.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.660%
11) 1,1-Dichloroethene-d2	2.306	63	183050	51.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.520%
21) 2-Butanone-d5	4.465	46	181499	103.759	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.760%
24) Chloroform-d	5.062	84	204530	52.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.260%
26) 1,2-Dichloroethane-d4	5.964	65	120367	45.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	5.976	84	405307	52.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.840%
36) 1,2-Dichloropropane-d6	7.312	67	134852	53.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.520%
41) Toluene-d8	8.653	98	380795	52.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.500%
43) trans-1,3-Dichloroprop...	8.952	79	57927	46.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.840%
47) 2-Hexanone-d5	9.390	63	140624	109.979	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.980%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	190948	57.944	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.880%
66) 1,2-Dichlorobenzene-d4	12.323	152	146990	54.362	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94866	42.884	ug/L	100
3) Chloromethane	1.288	50	91212	47.952	ug/L	100
5) Vinyl chloride	1.374	62	100914	49.668	ug/L	100
6) Bromomethane	1.605	94	36681	38.418	ug/L	98
8) Chloroethane	1.685	64	60116	51.944	ug/L	97
9) Trichlorofluoromethane	1.886	101	151561	50.473	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	107393	60.129	ug/L	98
12) 1,1-Dichloroethene	2.319	96	97479	59.242	ug/L #	68
13) Acetone	2.386	43	119173	92.958	ug/L	91
14) Carbon disulfide	2.508	76	221438	41.521	ug/L	100
15) Methyl Acetate	2.709	43	134875	50.827	ug/L	94
16) Methylene chloride	2.788	84	120832	57.913	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	101352	53.167	ug/L	91
18) Methyl tert-butyl Ether	3.123	73	348051	53.689	ug/L	96
19) 1,1-Dichloroethane	3.611	63	203153	55.100	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	124516	58.065	ug/L	88
22) 2-Butanone	4.568	43	199790	98.788	ug/L	91
23) Bromochloromethane	4.903	128	62691	58.297	ug/L	93
25) Chloroform	5.099	83	217614	56.175	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	155840	48.334	ug/L	98
29) Cyclohexane	5.477	56	163936	45.686	ug/L	96
30) 1,1,1-Trichloroethane	5.391	97	178017	49.999	ug/L	97
31) Carbon tetrachloride	5.678	117	146000	49.684	ug/L	100
33) Benzene	6.043	78	460101	53.166	ug/L	100
34) Trichloroethene	7.129	95	124932	49.844	ug/L	85
35) Methylcyclohexane	7.385	83	168681	46.228	ug/L	96
37) 1,2-Dichloropropane	7.434	63	125867	54.701	ug/L	99
38) Bromodichloromethane	7.830	83	161767	53.120	ug/L	97
39) cis-1,3-Dichloropropene	8.372	75	178272	51.936	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	388011	96.832	ug/L	92
42) Toluene	8.720	91	496520	54.311	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	174305	51.882	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	130632	61.054	ug/L	97
46) Tetrachloroethene	9.275	164	80927	51.088	ug/L	99
48) 2-Hexanone	9.433	43	301590	96.869	ug/L	93
49) Dibromochloromethane	9.525	129	127486	56.006	ug/L	99
50) 1,2-Dibromoethane	9.616	107	130190	55.331	ug/L	95
51) Chlorobenzene	10.085	112	324254	56.930	ug/L	92
52) Ethylbenzene	10.195	91	536828	53.853	ug/L	100
53) m,p-Xylene	10.305	106	204799	55.121	ug/L	95
54) o-Xylene	10.646	106	206582	55.797	ug/L	91
55) Styrene	10.659	104	363485	58.308	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	204191	62.721	ug/L	98
59) Bromoform	10.805	173	83184	54.795	ug/L	99
60) Isopropylbenzene	10.963	105	542136	54.864	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	168244	56.197	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	466821	55.335	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	462725	54.313	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	239248	55.697	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	245428	56.205	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	253221	57.005	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	52402	53.062	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	163355	54.228	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	143483	54.235	ug/L	95
71) Naphthalene	13.780	128	615568	56.211	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	155589	55.676	ug/L	99

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

