

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030451.D
 Acq On : 06 Aug 2022 00:23
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050767

Quant Time: Aug 06 02:24:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	242985	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74298	47.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.220%
7) Chloroethane-d5	1.666	69	59947	54.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.306	63	153830	52.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.240%
21) 2-Butanone-d5	4.471	46	185153	128.063	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.060%
24) Chloroform-d	5.068	84	174926	54.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.920%
26) 1,2-Dichloroethane-d4	5.964	65	118950	54.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.080%
32) Benzene-d6	5.983	84	318304	50.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
36) 1,2-Dichloropropane-d6	7.318	67	107710	52.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.480%
41) Toluene-d8	8.653	98	279410	46.648	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
43) trans-1,3-Dichloroprop...	8.952	79	46602	45.437	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.880%
47) 2-Hexanone-d5	9.390	63	123821	117.827	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.830%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	152741	56.396	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	104516	50.510	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93856	51.332	ug/L	100
3) Chloromethane	1.294	50	93218	59.292	ug/L	97
5) Vinyl chloride	1.374	62	95394	56.805	ug/L	96
6) Bromomethane	1.611	94	43158	54.688	ug/L	92
8) Chloroethane	1.685	64	55058	57.558	ug/L	99
9) Trichlorofluoromethane	1.886	101	126686	51.044	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	77017	52.172	ug/L	98
12) 1,1-Dichloroethene	2.319	96	76779	56.455	ug/L	85
13) Acetone	2.392	43	120343	113.572	ug/L	99
14) Carbon disulfide	2.514	76	212105	48.119	ug/L	100
15) Methyl Acetate	2.709	43	130941	59.701	ug/L	98
16) Methylene chloride	2.794	84	96027	55.684	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	82917	52.626	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	298975	55.798	ug/L	99
19) 1,1-Dichloroethane	3.617	63	172292	56.537	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	97761	55.157	ug/L	96
22) 2-Butanone	4.574	43	196966	117.833	ug/L	100
23) Bromochloromethane	4.903	128	48261	54.297	ug/L	94
25) Chloroform	5.105	83	178258	55.673	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	147212	55.241	ug/L	98
29) Cyclohexane	5.483	56	138872	47.089	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	143206	48.940	ug/L	98
31) Carbon tetrachloride	5.684	117	118293	48.981	ug/L	100
33) Benzene	6.043	78	376099	52.878	ug/L	100
34) Trichloroethene	7.129	95	102689	49.849	ug/L	90
35) Methylcyclohexane	7.385	83	133046	44.365	ug/L	99
37) 1,2-Dichloropropane	7.434	63	100351	53.064	ug/L	100
38) Bromodichloromethane	7.830	83	131562	52.565	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	136057	48.229	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	374518	113.722	ug/L	99
42) Toluene	8.720	91	382980	50.971	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	132986	48.163	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	95382	54.242	ug/L	97
46) Tetrachloroethene	9.281	164	59849	45.971	ug/L	97
48) 2-Hexanone	9.433	43	299695	117.124	ug/L	98
49) Dibromochloromethane	9.525	129	94841	50.696	ug/L	98
50) 1,2-Dibromoethane	9.616	107	98963	51.176	ug/L #	98
51) Chlorobenzene	10.085	112	233668	49.918	ug/L	97
52) Ethylbenzene	10.195	91	407590	49.751	ug/L	98
53) m,p-Xylene	10.305	106	150490	49.283	ug/L	98
54) o-Xylene	10.646	106	150566	49.482	ug/L	100
55) Styrene	10.659	104	264824	51.689	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	147189	55.011	ug/L	97
59) Bromoform	10.805	173	61080	52.577	ug/L	100
60) Isopropylbenzene	10.963	105	387160	51.199	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	132348	57.768	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	335638	51.989	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	327519	50.235	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	162100	49.312	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	166890	49.942	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	169787	49.946	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	38014	50.300	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	105844	45.914	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	96307	47.569	ug/L	97
71) Naphthalene	13.780	128	424736	50.682	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	102365	47.866	ug/L	98

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

