

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030521.D
 Acq On : 08 Aug 2022 18:57
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050772

Quant Time: Aug 09 00:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	290813	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	257744	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131192	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70242	37.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.220%
7) Chloroethane-d5	1.660	69	55450	42.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.240%
11) 1,1-Dichloroethene-d2	2.306	63	142137	40.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.480%
21) 2-Butanone-d5	4.471	46	190074	109.845	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.850%
24) Chloroform-d	5.068	84	174744	45.454	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
26) 1,2-Dichloroethane-d4	5.958	65	121437	46.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.040%
32) Benzene-d6	5.983	84	315311	42.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.420%
36) 1,2-Dichloropropane-d6	7.312	67	106581	44.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.980%
41) Toluene-d8	8.653	98	275373	39.569	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.140%#
43) trans-1,3-Dichloroprop...	8.958	79	46644	39.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.280%
47) 2-Hexanone-d5	9.391	63	127227	104.202	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	152674	48.518	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.040%
66) 1,2-Dichlorobenzene-d4	12.323	152	107690	42.321	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107344	49.054	ug/L	99
3) Chloromethane	1.294	50	99613	52.939	ug/L	99
5) Vinyl chloride	1.374	62	102800	51.148	ug/L	97
6) Bromomethane	1.611	94	45392	48.059	ug/L	96
8) Chloroethane	1.685	64	59723	52.167	ug/L	97
9) Trichlorofluoromethane	1.886	101	143133	48.186	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	77621	43.934	ug/L	97
12) 1,1-Dichloroethene	2.319	96	74282	45.636	ug/L #	79
13) Acetone	2.392	43	136881	107.934	ug/L	100
14) Carbon disulfide	2.508	76	238810	45.267	ug/L	98
15) Methyl Acetate	2.709	43	144941	55.216	ug/L	99
16) Methylene chloride	2.788	84	104683	50.720	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	90154	47.808	ug/L	97
18) Methyl tert-butyl Ether	3.123	73	326451	50.906	ug/L	99
19) 1,1-Dichloroethane	3.611	63	190986	52.364	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	106511	50.211	ug/L	100
22) 2-Butanone	4.574	43	223041	111.487	ug/L	99
23) Bromochloromethane	4.910	128	50800	47.754	ug/L	87
25) Chloroform	5.099	83	200197	52.242	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	172731	54.157	ug/L	95
29) Cyclohexane	5.471	56	158690	46.313	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	167497	49.267	ug/L	99
31) Carbon tetrachloride	5.684	117	134820	48.047	ug/L	99
33) Benzene	6.044	78	421577	51.015	ug/L	100
34) Trichloroethene	7.129	95	116658	48.741	ug/L	89
35) Methylcyclohexane	7.391	83	154622	44.377	ug/L	98
37) 1,2-Dichloropropane	7.434	63	110454	50.270	ug/L	99
38) Bromodichloromethane	7.830	83	148182	50.957	ug/L	94
39) cis-1,3-Dichloropropene	8.372	75	149732	45.682	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	429642	112.286	ug/L	98
42) Toluene	8.720	91	429197	49.164	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	146822	45.766	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	102697	50.265	ug/L	99
46) Tetrachloroethene	9.281	164	66077	43.684	ug/L	98
48) 2-Hexanone	9.433	43	336593	113.218	ug/L	98
49) Dibromochloromethane	9.525	129	105866	48.705	ug/L	96
50) 1,2-Dibromoethane	9.616	107	110065	48.988	ug/L	97
51) Chlorobenzene	10.079	112	258496	47.529	ug/L	99
52) Ethylbenzene	10.195	91	452946	47.585	ug/L	97
53) m,p-Xylene	10.305	106	168349	47.451	ug/L	97
54) o-Xylene	10.646	106	167592	47.405	ug/L	96
55) Styrene	10.659	104	294542	49.480	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	161562	51.971	ug/L	97
59) Bromoform	10.805	173	67604	47.321	ug/L	100
60) Isopropylbenzene	10.963	105	432724	46.533	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	147475	52.344	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	377085	47.497	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	382881	47.755	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	188958	46.744	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	187803	45.701	ug/L	96
67) 1,2-Dichlorobenzene	12.341	146	200731	48.017	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	47663	51.285	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	126979	44.791	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	113489	45.583	ug/L	96
71) Naphthalene	13.780	128	513779	49.853	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	124156	47.210	ug/L	99

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

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