

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121521\
 Data File : VX025808.D
 Acq On : 15 Dec 2021 11:37
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050731

Quant Time: Dec 16 00:37:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 00:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	189849	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	187670	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100894	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45358	35.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.020%
7) Chloroethane-d5	1.666	69	42226	39.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.980%
11) 1,1-Dichloroethene-d2	2.307	63	95620	46.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.580%
21) 2-Butanone-d5	4.452	46	91261	94.623	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	5.056	84	114451	50.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.080%
26) 1,2-Dichloroethane-d4	5.958	65	72629	51.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.920%
32) Benzene-d6	5.977	84	207829	41.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.560%
36) 1,2-Dichloropropane-d6	7.312	67	65475	42.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.040%
41) Toluene-d8	8.647	98	195838	41.714	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.420%
43) trans-1,3-Dichloroprop...	8.952	79	28008	36.175	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.360%
47) 2-Hexanone-d5	9.384	63	66827	83.366	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.370%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	102598	47.141	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.280%
66) 1,2-Dichlorobenzene-d4	12.323	152	82742	41.813	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54642	49.047	ug/L	100
3) Chloromethane	1.295	50	54441	47.345	ug/L	96
5) Vinyl chloride	1.374	62	60797	45.289	ug/L	98
6) Bromomethane	1.599	94	39085	55.655	ug/L	99
8) Chloroethane	1.685	64	42675	47.720	ug/L	100
9) Trichlorofluoromethane	1.886	101	109551	52.295	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	61591	55.986	ug/L	93
12) 1,1-Dichloroethene	2.319	96	50371	49.409	ug/L	87
13) Acetone	2.380	43	102006	128.626	ug/L	96
14) Carbon disulfide	2.514	76	103957	41.472	ug/L	100
15) Methyl Acetate	2.703	43	70127	54.716	ug/L #	90
16) Methylene chloride	2.788	84	64406	54.623	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	55720	50.767	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	203059	54.434	ug/L	98
19) 1,1-Dichloroethane	3.611	63	112324	57.146	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	71020	54.910	ug/L	96
22) 2-Butanone	4.556	43	123261	117.525	ug/L	98
23) Bromochloromethane	4.898	128	36327	53.164	ug/L	90
25) Chloroform	5.093	83	127694	59.697	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	98605	63.379	ug/L	99
29) Cyclohexane	5.471	56	88837	46.205	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	107176	51.733	ug/L	98
31) Carbon tetrachloride	5.678	117	92812	50.168	ug/L	100
33) Benzene	6.038	78	254994	50.861	ug/L	100
34) Trichloroethene	7.123	95	68510	51.954	ug/L	95
35) Methylcyclohexane	7.385	83	97706	47.076	ug/L	98
37) 1,2-Dichloropropane	7.434	63	65467	52.060	ug/L	100
38) Bromodichloromethane	7.824	83	95686	54.639	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	99354	48.508	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	212068	105.610	ug/L	98
42) Toluene	8.720	91	283539	51.281	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	95441	48.483	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	71791	53.796	ug/L	96
46) Tetrachloroethene	9.275	164	53184	47.556	ug/L	96
48) 2-Hexanone	9.433	43	176134	109.212	ug/L	98
49) Dibromochloromethane	9.525	129	78329	50.926	ug/L	96
50) 1,2-Dibromoethane	9.610	107	74453	52.347	ug/L	99
51) Chlorobenzene	10.079	112	197054	54.029	ug/L	98
52) Ethylbenzene	10.195	91	323197	54.389	ug/L	98
53) m,p-Xylene	10.305	106	127705	53.056	ug/L	97
54) o-Xylene	10.640	106	125869	52.240	ug/L	91
55) Styrene	10.659	104	221736	55.384	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	115279	55.943	ug/L	94
59) Bromoform	10.799	173	54908	44.106	ug/L	99
60) Isopropylbenzene	10.963	105	338783	52.248	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	92196	53.418	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	285656	52.672	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	283984	51.825	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	155875	52.353	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	159064	52.889	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	155510	51.653	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	23114	48.186	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	108479	50.083	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	91527	50.271	ug/L	98
71) Naphthalene	13.780	128	317751	51.489	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	91596	49.110	ug/L	96

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

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