

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
 Data File : VX025690.D
 Acq On : 10 Dec 2021 03:15
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050724

Quant Time: Dec 10 04:33:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 04:16:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	113372	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	107830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	55029	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	34718	44.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.740%
7) Chloroethane-d5	1.666	69	28825	45.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.280%
11) 1,1-Dichloroethene-d2	2.306	63	64790	52.519	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.040%
21) 2-Butanone-d5	4.458	46	47626	82.691	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.690%
24) Chloroform-d	5.062	84	65929	48.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
26) 1,2-Dichloroethane-d4	5.958	65	40483	48.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
32) Benzene-d6	5.976	84	129652	45.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.740%
36) 1,2-Dichloropropane-d6	7.312	67	37750	42.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.320%
41) Toluene-d8	8.653	98	124156	46.027	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.060%
43) trans-1,3-Dichloroprop...	8.951	79	18612	41.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.680%
47) 2-Hexanone-d5	9.384	63	35673	77.452	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.450%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	55026	44.003	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	46837	43.395	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37349	56.139	ug/L	100
3) Chloromethane	1.294	50	35746	52.056	ug/L	98
5) Vinyl chloride	1.374	62	38798	48.398	ug/L	99
6) Bromomethane	1.599	94	23165	55.237	ug/L	97
8) Chloroethane	1.685	64	25364	47.495	ug/L	100
9) Trichlorofluoromethane	1.886	101	63000	50.361	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	35196	53.574	ug/L	97
12) 1,1-Dichloroethene	2.319	96	32057	52.657	ug/L #	81
13) Acetone	2.380	43	37913	80.056	ug/L	97
14) Carbon disulfide	2.514	76	79491	53.103	ug/L	99
15) Methyl Acetate	2.703	43	39054	51.026	ug/L #	90
16) Methylene chloride	2.794	84	38082	54.084	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	33898	51.719	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	113515	50.957	ug/L	99
19) 1,1-Dichloroethane	3.611	63	61505	52.399	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	39524	51.173	ug/L	98
22) 2-Butanone	4.562	43	57712	92.145	ug/L	99
23) Bromochloromethane	4.903	128	20924	51.278	ug/L	96
25) Chloroform	5.099	83	68606	53.709	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	51470	55.399	ug/L	99
29) Cyclohexane	5.470	56	53024	47.998	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	60846	51.116	ug/L	98
31) Carbon tetrachloride	5.684	117	54485	51.258	ug/L	100
33) Benzene	6.043	78	142093	49.327	ug/L	100
34) Trichloroethene	7.129	95	38400	50.681	ug/L	94
35) Methylcyclohexane	7.385	83	55331	46.398	ug/L	98
37) 1,2-Dichloropropane	7.433	63	36191	50.089	ug/L	99
38) Bromodichloromethane	7.824	83	53367	53.038	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	56810	48.274	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	111989	97.065	ug/L	98
42) Toluene	8.720	91	156547	49.277	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	53544	47.339	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	37771	49.260	ug/L	99
46) Tetrachloroethene	9.275	164	30042	46.753	ug/L	98
48) 2-Hexanone	9.433	43	85532	92.302	ug/L	99
49) Dibromochloromethane	9.525	129	44720	50.602	ug/L	95
50) 1,2-Dibromoethane	9.610	107	41112	50.307	ug/L	99
51) Chlorobenzene	10.079	112	105338	50.267	ug/L	100
52) Ethylbenzene	10.195	91	171404	50.202	ug/L	99
53) m,p-Xylene	10.305	106	68547	49.564	ug/L	98
54) o-Xylene	10.646	106	68110	49.198	ug/L	96
55) Styrene	10.659	104	116870	50.805	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	59074	49.894	ug/L	96
59) Bromoform	10.799	173	32912	48.472	ug/L	99
60) Isopropylbenzene	10.963	105	176772	49.984	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	47791	50.768	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	149366	50.497	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	147957	49.506	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	81349	50.094	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	80418	49.026	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	81440	49.597	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	12966	49.560	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	54323	45.984	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	46045	46.369	ug/L	98
71) Naphthalene	13.780	128	167813	49.857	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	47968	47.154	ug/L	99

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

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