

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025610.D
 Acq On : 08 Dec 2021 04:33
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050718

Quant Time: Dec 08 14:00:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 07:24:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159933	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149038	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76077	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	59379	54.403	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 108.800%		
7) Chloroethane-d5	1.666	69	47009	52.184	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 104.360%		
11) 1,1-Dichloroethene-d2	2.307	63	95155	54.677	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 109.360%		
21) 2-Butanone-d5	4.452	46	75591	93.037	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 93.040%		
24) Chloroform-d	5.062	84	98575	51.676	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.360%		
26) 1,2-Dichloroethane-d4	5.958	65	60661	51.018	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.040%		
32) Benzene-d6	5.977	84	203075	51.412	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.820%		
36) 1,2-Dichloropropane-d6	7.312	67	60009	49.069	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 98.140%		
41) Toluene-d8	8.653	98	193458	51.889	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.780%		
43) trans-1,3-Dichloroprop...	8.952	79	26356	42.865	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 85.740%		
47) 2-Hexanone-d5	9.385	63	57910	90.968	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 90.970%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	82198	47.558	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 95.120%		
66) 1,2-Dichlorobenzene-d4	12.323	152	75774	50.782	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 101.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	54622	58.200	ug/L	100
3) Chloromethane	1.295	50	52469	54.165	ug/L	97
5) Vinyl chloride	1.374	62	57222	50.599	ug/L	99
6) Bromomethane	1.599	94	32998	55.777	ug/L	98
8) Chloroethane	1.685	64	35916	47.675	ug/L	100
9) Trichlorofluoromethane	1.886	101	82214	46.587	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	45731	49.345	ug/L	99
12) 1,1-Dichloroethene	2.319	96	42934	49.992	ug/L	86
13) Acetone	2.380	43	45098	67.504	ug/L	98
14) Carbon disulfide	2.514	76	96796	45.838	ug/L	100
15) Methyl Acetate	2.703	43	49523	45.867	ug/L #	90
16) Methylene chloride	2.794	84	48638	48.966	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	44630	48.269	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	149575	47.597	ug/L	99
19) 1,1-Dichloroethane	3.611	63	79767	48.173	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	52249	47.954	ug/L	97
22) 2-Butanone	4.556	43	71607	81.046	ug/L	99
23) Bromochloromethane	4.904	128	27493	47.762	ug/L	99
25) Chloroform	5.099	83	85347	47.363	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	65443	49.932	ug/L	99
29) Cyclohexane	5.471	56	73989	48.457	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	74076	45.024	ug/L	99
31) Carbon tetrachloride	5.678	117	63701	43.358	ug/L	100
33) Benzene	6.044	78	191509	48.100	ug/L	100
34) Trichloroethene	7.129	95	50122	47.862	ug/L	97
35) Methylcyclohexane	7.385	83	77091	46.772	ug/L	99
37) 1,2-Dichloropropane	7.434	63	47123	47.186	ug/L	99
38) Bromodichloromethane	7.824	83	58007	41.710	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	69725	42.866	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	141929	89.002	ug/L	99
42) Toluene	8.720	91	210467	47.932	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	66143	42.309	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	49388	46.602	ug/L	98
46) Tetrachloroethene	9.275	164	42079	47.380	ug/L	98
48) 2-Hexanone	9.433	43	109278	85.321	ug/L	99
49) Dibromochloromethane	9.525	129	48755	39.915	ug/L	93
50) 1,2-Dibromoethane	9.610	107	51864	45.917	ug/L	96
51) Chlorobenzene	10.080	112	138039	47.659	ug/L	99
52) Ethylbenzene	10.195	91	226754	48.051	ug/L	99
53) m,p-Xylene	10.305	106	92038	48.149	ug/L	97
54) o-Xylene	10.647	106	90196	47.138	ug/L	99
55) Styrene	10.659	104	151602	47.681	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	73932	45.178	ug/L	97
59) Bromoform	10.799	173	32261	34.368	ug/L	98
60) Isopropylbenzene	10.964	105	231987	47.448	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	60284	46.322	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	198614	48.569	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	196334	47.518	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	109057	48.577	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	107014	47.190	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	107917	47.538	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	13002	35.948	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	75295	46.102	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	65713	47.867	ug/L	98
71) Naphthalene	13.774	128	231192	49.683	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	66951	47.606	ug/L	99

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

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