

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112221\
 Data File : VX025260.D
 Acq On : 22 Nov 2021 18:38
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050713

Quant Time: Nov 23 01:23:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 23 01:15:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	164054	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	151359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77209	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50892	45.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.920%
7) Chloroethane-d5	1.660	69	43200	46.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.500%
11) 1,1-Dichloroethene-d2	2.306	63	84973	47.600	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.200%
21) 2-Butanone-d5	4.458	46	86152	103.371	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.370%
24) Chloroform-d	5.062	84	97254	49.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.958	65	58221	47.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
32) Benzene-d6	5.976	84	192134	47.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	7.312	67	59164	47.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	8.653	98	177527	46.886	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.780%
43) trans-1,3-Dichloroprop...	8.952	79	29790	47.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.420%
47) 2-Hexanone-d5	9.384	63	66217	102.422	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.420%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	90084	51.321	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	12.323	152	74726	49.346	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48905	50.799	ug/L	100
3) Chloromethane	1.294	50	49112	49.426	ug/L	97
5) Vinyl chloride	1.374	62	59024	50.882	ug/L	100
6) Bromomethane	1.599	94	32992	54.366	ug/L	99
8) Chloroethane	1.685	64	38261	49.511	ug/L	97
9) Trichlorofluoromethane	1.886	101	90419	49.949	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	48502	51.020	ug/L	99
12) 1,1-Dichloroethene	2.319	96	45199	51.307	ug/L	97
13) Acetone	2.380	43	65551	95.654	ug/L	100
14) Carbon disulfide	2.514	76	106529	49.180	ug/L	98
15) Methyl Acetate	2.703	43	58187	52.538	ug/L #	90
16) Methylene chloride	2.788	84	51859	50.897	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	47757	50.354	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	166975	51.799	ug/L	99
19) 1,1-Dichloroethane	3.611	63	88430	52.064	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	57933	51.835	ug/L	94
22) 2-Butanone	4.556	43	93357	103.008	ug/L	100
23) Bromochloromethane	4.904	128	30010	50.825	ug/L	92
25) Chloroform	5.099	83	96123	52.003	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	71388	53.100	ug/L	100
29) Cyclohexane	5.471	56	77564	50.020	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	86232	51.609	ug/L	99
31) Carbon tetrachloride	5.678	117	75667	50.713	ug/L	100
33) Benzene	6.044	78	208507	51.566	ug/L	100
34) Trichloroethene	7.129	95	54106	50.874	ug/L	97
35) Methylcyclohexane	7.385	83	85118	50.850	ug/L	98
37) 1,2-Dichloropropane	7.434	63	51293	50.574	ug/L	100
38) Bromodichloromethane	7.824	83	72025	50.995	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	84579	51.201	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	171719	106.032	ug/L	99
42) Toluene	8.720	91	229245	51.408	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	81684	51.449	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	56780	52.755	ug/L	97
46) Tetrachloroethene	9.275	164	45319	50.245	ug/L	99
48) 2-Hexanone	9.433	43	136622	105.035	ug/L	100
49) Dibromochloromethane	9.525	129	64628	52.098	ug/L	99
50) 1,2-Dibromoethane	9.610	107	59659	52.008	ug/L	99
51) Chlorobenzene	10.079	112	153798	52.285	ug/L	99
52) Ethylbenzene	10.195	91	248869	51.928	ug/L	99
53) m,p-Xylene	10.305	106	100726	51.886	ug/L	96
54) o-Xylene	10.646	106	100838	51.891	ug/L	99
55) Styrene	10.659	104	169908	52.619	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	89483	53.842	ug/L	95
59) Bromoform	10.799	173	49083	51.522	ug/L	100
60) Isopropylbenzene	10.963	105	259026	52.202	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	71034	53.782	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	218798	52.720	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	218836	52.187	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	120644	52.950	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	119141	51.767	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	121743	52.842	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	19098	52.028	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	87183	52.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	75451	54.154	ug/L	99
71) Naphthalene	13.780	128	270410	57.259	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	76353	53.495	ug/L	98

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

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