

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
 Data File : VX025126.D
 Acq On : 11 Nov 2021 13:13
 Operator : JC/MD
 Sample : VSTD00530
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005630

Quant Time: Nov 11 14:29:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 11 14:29:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	252671	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221606	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	107127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	8906	4.110	ug/L	0.00
7) Chloroethane-d5	1.660	69	5437	4.289	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	13658	3.308	ug/L	0.00
21) 2-Butanone-d5	4.464	46	12463	8.208	ug/L	0.00
24) Chloroform-d	5.062	84	15094	3.598	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	10127	3.736	ug/L	0.00
32) Benzene-d6	5.976	84	31613	4.287	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	9643	4.253	ug/L	0.00
41) Toluene-d8	8.653	98	30539	4.673	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	5227	4.443	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	9734	9.930	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	13018	4.071	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	10935	5.268	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	7917	3.180	ug/L	100
3) Chloromethane	1.288	50	8739	4.625	ug/L	88
5) Vinyl chloride	1.374	62	8504	3.943	ug/L	97
6) Bromomethane	1.611	94	3645	2.896	ug/L	98
8) Chloroethane	1.684	64	4569	3.788	ug/L	99
9) Trichlorofluoromethane	1.886	101	12598	3.295	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	6553	3.314	ug/L	94
12) 1,1-Dichloroethene	2.318	96	6147	3.486	ug/L	89
13) Acetone	2.386	43	11303	7.662	ug/L	94
14) Carbon disulfide	2.507	76	18791	3.994	ug/L	97
15) Methyl Acetate	2.703	43	7691	3.665	ug/L #	84
16) Methylene chloride	2.788	84	7197	3.655	ug/L	86
17) trans-1,2-Dichloroethene	3.093	96	6975	3.851	ug/L	86
18) Methyl tert-butyl Ether	3.117	73	20769	3.066	ug/L #	87
19) 1,1-Dichloroethane	3.611	63	11473	3.147	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	7732	3.719	ug/L #	93
22) 2-Butanone	4.568	43	13569	7.587	ug/L	85
23) Bromochloromethane	4.903	128	4026	4.052	ug/L #	75
27) 1,2-Dichloroethane	6.086	62	8264	2.731	ug/L #	81
29) Cyclohexane	5.470	56	11151	3.486	ug/L	86
30) 1,1,1-Trichloroethane	5.385	97	10542	2.869	ug/L #	95
31) Carbon tetrachloride	5.678	117	9593	3.236	ug/L	95
33) Benzene	6.043	78	27186	3.457	ug/L	100
34) Trichloroethene	7.129	95	7039	3.427	ug/L #	83
35) Methylcyclohexane	7.379	83	11621	3.692	ug/L	88
37) 1,2-Dichloropropane	7.433	63	6758	3.628	ug/L #	97
38) Bromodichloromethane	7.824	83	8804	3.257	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	11430	3.716	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	21621	7.358	ug/L #	84
42) Toluene	8.720	91	29327	3.742	ug/L	93
44) trans-1,3-Dichloropropene	8.982	75	10837	3.652	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	6485	3.797	ug/L	95

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46) Tetrachloroethene	9.275	164	5876	4.914	ug/L	87
48) 2-Hexanone	9.433	43	17956	7.545	ug/L #	85
49) Dibromochloromethane	9.524	129	7639	4.149	ug/L	98
50) 1,2-Dibromoethane	9.610	107	7260	3.966	ug/L #	94
51) Chlorobenzene	10.079	112	18370	3.998	ug/L	99
52) Ethylbenzene	10.195	91	29995	3.579	ug/L	94
53) m,p-Xylene	10.305	106	12318	3.961	ug/L	79
54) o-Xylene	10.646	106	12354	4.151	ug/L	82
55) Styrene	10.658	104	20240	3.930	ug/L	83
57) 1,1,2,2-Tetrachloroethane	11.213	83	10245	3.242	ug/L	99
59) Bromoform	10.799	173	5818	4.662	ug/L #	97
60) Isopropylbenzene	10.963	105	30533	3.643	ug/L	94
61) 1,2,3-Trichloropropane	11.244	75	8174	3.327	ug/L	94
62) 1,3,5-Trimethylbenzene	11.451	105	26282	3.677	ug/L	90
63) 1,2,4-Trimethylbenzene	11.756	105	25556	3.668	ug/L #	86
64) 1,3-Dichlorobenzene	11.969	146	13221	4.096	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	13542	4.128	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	13335	4.041	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	2289	3.107	ug/L #	58
69) 1,3,5-Trichlorobenzene	13.115	180	9373	4.177	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	7287	3.884	ug/L	98
71) Naphthalene	13.780	128	21859	3.320	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	6949	3.806	ug/L	96

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

