

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
 Data File : VX043853.D
 Acq On : 14 Nov 2024 15:22
 Operator : JC/MD
 Sample : VSTD01037
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010637

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2024
 Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 02:06:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 02:05:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	232444	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	203720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	98889	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	14922	10.339	ug/L	0.00
7) Chloroethane-d5	1.648	69	9765m	10.227	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	6164	9.466	ug/L	0.00
21) 2-Butanone-d5	4.471	46	14754	19.222	ug/L	0.01
24) Chloroform-d	5.062	84	30097m	9.801	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.952	65	19540	9.964	ug/L	0.00
32) Benzene-d6	5.964	84	57865	10.209	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	16833	10.428	ug/L	0.00
41) Toluene-d8	8.647	98	54445	10.159	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	7352	9.037	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	11492	19.270	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	22100	9.950	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	20336	9.858	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	18032	10.421	ug/L	100
3) Chloromethane	1.295	50	14120	10.115	ug/L	100
5) Vinyl chloride	1.374	62	16195	10.740	ug/L	95
6) Bromomethane	1.593	94	10184	10.289	ug/L	95
8) Chloroethane	1.660	64	8044	9.879	ug/L	99
9) Trichlorofluoromethane	1.874	101	28027	10.372	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	15952	10.466	ug/L	100
12) 1,1-Dichloroethene	2.307	96	14828	10.585	ug/L #	75
13) Acetone	2.380	43	19941	21.653	ug/L	98
14) Carbon disulfide	2.502	76	26489	8.965	ug/L	98
15) Methyl Acetate	2.703	43	13016	10.259	ug/L	94
16) Methylene chloride	2.782	84	15774	10.309	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	14172	10.037	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	50365	10.232	ug/L	99
19) 1,1-Dichloroethane	3.605	63	25707	10.325	ug/L	95
20) cis-1,2-Dichloroethene	4.483	96	17321	10.222	ug/L	95
22) 2-Butanone	4.568	43	20521	20.189	ug/L	93
23) Bromochloromethane	4.891	128	9493	10.425	ug/L	95
25) Chloroform	5.087	83	28798	9.983	ug/L	94
27) 1,2-Dichloroethane	6.086	62	23793	10.520	ug/L	100
29) Cyclohexane	5.452	56	22315	10.541	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	25870	10.190	ug/L	100
31) Carbon tetrachloride	5.666	117	21784	9.944	ug/L	99
33) Benzene	6.032	78	58663	10.555	ug/L	100
34) Trichloroethene	7.123	95	19226	10.421	ug/L	95
35) Methylcyclohexane	7.373	83	24639	10.450	ug/L	99
37) 1,2-Dichloropropane	7.428	63	14513	10.703	ug/L	99
38) Bromodichloromethane	7.818	83	18563	9.869	ug/L	89
39) cis-1,3-Dichloropropene	8.366	75	22684	9.882	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	32227	19.924	ug/L	99
42) Toluene	8.714	91	62625	10.326	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	20248	9.510	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	16616	10.634	ug/L	97
46) Tetrachloroethene	9.269	164	13898	10.473	ug/L	94
48) 2-Hexanone	9.433	43	27529	20.929	ug/L	99
49) Dibromochloromethane	9.519	129	14655	9.536	ug/L	95
50) 1,2-Dibromoethane	9.610	107	17402	10.359	ug/L #	94
51) Chlorobenzene	10.080	112	43114	10.405	ug/L	97
52) Ethylbenzene	10.195	91	68255	10.287	ug/L	96
53) m,p-Xylene	10.299	106	28014	10.503	ug/L	94
54) o-Xylene	10.640	106	28492	10.729	ug/L	97
55) Styrene	10.659	104	44069	10.195	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.214	83	23879	10.596	ug/L	94
59) Bromoform	10.799	173	9313	9.094	ug/L	96
60) Isopropylbenzene	10.964	105	70872	10.655	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	18108	10.735	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	56835	10.146	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	58476	10.487	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	32433	10.263	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	32892	10.421	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	34782	10.794	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	3581	8.784	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.110	180	21116	9.971	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	18391	9.705	ug/L	97
71) Naphthalene	13.774	128	63963	9.608	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	19581	10.064	ug/L	100

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

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