

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043893.D
 Acq On : 19 Nov 2024 11:16
 Operator : JC/MD
 Sample : VSTD10045
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100645

Quant Time: Nov 19 23:10:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:08:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	265005	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	234697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	116501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	201329	95.225	ug/L	0.00
7) Chloroethane-d5	1.648	69	86678	96.307	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	86441	101.728	ug/L	0.00
21) 2-Butanone-d5	4.459	46	265830	209.232	ug/L	0.00
24) Chloroform-d	5.050	84	419856	107.170	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	289451	111.295	ug/L	0.00
32) Benzene-d6	5.964	84	742358	95.915	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	228899	97.855	ug/L	0.00
41) Toluene-d8	8.647	98	658938	97.054	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	118635	112.072	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	181603	207.938	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	311221	105.520	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	242327	97.992	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	217875	100.200	ug/L	98
3) Chloromethane	1.294	50	207001	93.106	ug/L	98
5) Vinyl chloride	1.374	62	211583	93.594	ug/L	97
6) Bromomethane	1.593	94	110197	117.043	ug/L	97
8) Chloroethane	1.660	64	97347	102.412	ug/L	97
9) Trichlorofluoromethane	1.868	101	312980	103.472	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	169058	93.766	ug/L	98
12) 1,1-Dichloroethene	2.306	96	158128	96.302	ug/L #	68
13) Acetone	2.386	43	225075	201.524	ug/L	92
14) Carbon disulfide	2.502	76	357523	102.450	ug/L	98
15) Methyl Acetate	2.703	43	205908	98.554	ug/L	98
16) Methylene chloride	2.782	84	188411	97.862	ug/L	92
17) trans-1,2-Dichloroethene	3.081	96	169760	96.542	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	662698	101.843	ug/L #	95
19) 1,1-Dichloroethane	3.605	63	351185	100.246	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	209565	98.032	ug/L	95
22) 2-Butanone	4.562	43	302395	201.714	ug/L	98
23) Bromochloromethane	4.897	128	105123	95.696	ug/L	95
25) Chloroform	5.086	83	389903	101.915	ug/L	95
27) 1,2-Dichloroethane	6.080	62	336331	111.460	ug/L #	94
29) Cyclohexane	5.458	56	281866	92.331	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	329014	101.599	ug/L	96
31) Carbon tetrachloride	5.666	117	275734	104.974	ug/L	98
33) Benzene	6.031	78	731772	93.271	ug/L	100
34) Trichloroethene	7.117	95	199219	92.525	ug/L	96
35) Methylcyclohexane	7.373	83	277207	94.166	ug/L	98
37) 1,2-Dichloropropane	7.428	63	194086	95.320	ug/L	100
38) Bromodichloromethane	7.818	83	277442	108.647	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	324340	101.085	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	572103	205.231	ug/L	95
42) Toluene	8.714	91	753847	95.348	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	314284	108.972	ug/L	98

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45) 1,1,2-Trichloroethane	9.147	97	193327	96.551	ug/L	99
46) Tetrachloroethene	9.269	164	131622	93.816	ug/L	98
48) 2-Hexanone	9.433	43	441432	209.799	ug/L	94
49) Dibromochloromethane	9.519	129	195941	105.857	ug/L	98
50) 1,2-Dibromoethane	9.604	107	205274	97.326	ug/L	99
51) Chlorobenzene	10.079	112	478979	97.666	ug/L	98
52) Ethylbenzene	10.189	91	838464	100.612	ug/L	99
53) m,p-Xylene	10.299	106	311427	100.616	ug/L	100
54) o-Xylene	10.640	106	313161	100.493	ug/L	98
55) Styrene	10.653	104	538689	104.427	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	308919	103.069	ug/L	97
59) Bromoform	10.799	173	133635	102.373	ug/L	97
60) Isopropylbenzene	10.957	105	823868	89.736	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	237936	89.635	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	691807	95.376	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	695526	96.171	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	365193	94.808	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	368373	96.309	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	375162	94.068	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	70230	105.712	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	239629	96.412	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	226347	98.768	ug/L	98
71) Naphthalene	13.774	128	851453	99.875	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	231226	100.137	ug/L	98

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

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