

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043676.D
 Acq On : 04 Nov 2024 11:55
 Operator : JC/MD
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050632

Quant Time: Nov 05 03:11:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:09:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	336517	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285501	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	135430	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	90501	50.482	ug/L	0.00
7) Chloroethane-d5	1.642	69	38209	49.584	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	41402	50.027	ug/L	0.00
21) 2-Butanone-d5	4.459	46	119424	102.321	ug/L	0.00
24) Chloroform-d	5.056	84	193829	50.153	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	119161	48.535	ug/L	0.00
32) Benzene-d6	5.964	84	380178	51.505	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	113684	50.623	ug/L	0.00
41) Toluene-d8	8.647	98	341787	50.973	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	55431	52.321	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	92721	104.329	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144184	50.041	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	115760	49.333	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	124897	52.698	ug/L	100
3) Chloromethane	1.295	50	116037	50.378	ug/L	100
5) Vinyl chloride	1.374	62	115097	51.014	ug/L	100
6) Bromomethane	1.593	94	45264	51.772	ug/L	100
8) Chloroethane	1.660	64	41834	60.519	ug/L	100
9) Trichlorofluoromethane	1.868	101	155050	54.154	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	102992	52.376	ug/L	100
12) 1,1-Dichloroethene	2.307	96	92217	51.371	ug/L	100
13) Acetone	2.386	43	110707	101.406	ug/L	100
14) Carbon disulfide	2.502	76	199175	50.191	ug/L	100
15) Methyl Acetate	2.703	43	117672	50.973	ug/L	100
16) Methylene chloride	2.782	84	107984	49.791	ug/L	100
17) trans-1,2-Dichloroethene	3.081	96	100002	51.782	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	379811	51.735	ug/L	100
19) 1,1-Dichloroethane	3.599	63	197518	51.939	ug/L	100
20) cis-1,2-Dichloroethene	4.477	96	122581	51.103	ug/L	100
22) 2-Butanone	4.562	43	158959	102.207	ug/L	100
23) Bromochloromethane	4.891	128	61720	51.188	ug/L	100
25) Chloroform	5.087	83	208503	51.093	ug/L	100
27) 1,2-Dichloroethane	6.080	62	164703	52.220	ug/L	100
29) Cyclohexane	5.458	56	177381	53.544	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	181637	52.518	ug/L	100
31) Carbon tetrachloride	5.666	117	151109	53.257	ug/L	100
33) Benzene	6.032	78	429634	52.795	ug/L	100
34) Trichloroethene	7.123	95	114514	52.342	ug/L	100
35) Methylcyclohexane	7.373	83	178670	54.662	ug/L	100
37) 1,2-Dichloropropane	7.428	63	114019	52.599	ug/L	100
38) Bromodichloromethane	7.818	83	145452	52.755	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	185164	53.167	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	312397	105.881	ug/L	100
42) Toluene	8.714	91	448088	52.351	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	170613	53.300	ug/L	100

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45) 1,1,2-Trichloroethane	9.147	97	115660	52.032	ug/L	100
46) Tetrachloroethene	9.269	164	82876	52.627	ug/L	100
48) 2-Hexanone	9.433	43	237094	107.504	ug/L	100
49) Dibromochloromethane	9.519	129	108381	52.311	ug/L	100
50) 1,2-Dibromoethane	9.604	107	120422	52.468	ug/L	100
51) Chlorobenzene	10.080	112	291267	52.068	ug/L	100
52) Ethylbenzene	10.189	91	489943	52.661	ug/L	100
53) m,p-Xylene	10.299	106	189005	52.626	ug/L	100
54) o-Xylene	10.640	106	189095	52.812	ug/L	100
55) Styrene	10.653	104	319254	53.601	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	172711	51.878	ug/L	100
59) Bromoform	10.799	173	74305	52.454	ug/L	100
60) Isopropylbenzene	10.957	105	494209	52.628	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	133276	50.699	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	410711	52.034	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	414795	52.780	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	213813	51.763	ug/L	100
65) 1,4-Dichlorobenzene	12.037	146	214172	51.479	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	219659	52.038	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	33630	51.091	ug/L	100
69) 1,3,5-Trichlorobenzene	13.110	180	141395	51.324	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	130035	51.478	ug/L	100
71) Naphthalene	13.774	128	494566	52.723	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	133917	51.297	ug/L	100

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

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