

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042174.D
 Acq On : 03 Jul 2024 19:52
 Operator : JC/MD
 Sample : VSTD01007
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010607

Quant Time: Jul 04 04:47:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	280717	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	253302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	15370	9.606	ug/L	0.00
7) Chloroethane-d5	1.648	69	10214	8.932	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	6487	8.402	ug/L	0.00
21) 2-Butanone-d5	4.471	46	22482	19.187	ug/L	0.00
24) Chloroform-d	5.056	84	30790	8.920	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	17951	7.389	ug/L	0.00
32) Benzene-d6	5.970	84	62087	9.054	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	18667	9.089	ug/L	0.00
41) Toluene-d8	8.647	98	57427	8.151	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	7408	7.358	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	16110	16.939	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	27083	8.461	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	23349	9.143	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20487	10.497	ug/L	99
3) Chloromethane	1.301	50	20818	12.070	ug/L	96
5) Vinyl chloride	1.374	62	20353	11.569	ug/L	100
6) Bromomethane	1.599	94	10862	9.260	ug/L	95
8) Chloroethane	1.666	64	10629	10.726	ug/L	96
9) Trichlorofluoromethane	1.874	101	27037	9.115	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	18006	9.930	ug/L	98
12) 1,1-Dichloroethene	2.313	96	16993	10.443	ug/L #	77
13) Acetone	2.386	43	16058	14.070	ug/L	96
14) Carbon disulfide	2.502	76	39760	10.030	ug/L	97
15) Methyl Acetate	2.709	43	21208	10.440	ug/L	99
16) Methylene chloride	2.788	84	22931	12.518	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	17378	10.411	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	57019	10.080	ug/L	99
19) 1,1-Dichloroethane	3.605	63	31349	10.170	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	20258	10.442	ug/L	96
22) 2-Butanone	4.574	43	26796	18.095	ug/L	99
23) Bromochloromethane	4.910	128	10849	10.475	ug/L	92
25) Chloroform	5.099	83	32839	9.909	ug/L	97
27) 1,2-Dichloroethane	6.086	62	24808	9.184	ug/L	99
29) Cyclohexane	5.464	56	27515	9.790	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	27379	9.316	ug/L	99
31) Carbon tetrachloride	5.672	117	23730	9.128	ug/L	97
33) Benzene	6.037	78	73704	10.376	ug/L	100
34) Trichloroethene	7.123	95	18244	9.435	ug/L	98
35) Methylcyclohexane	7.379	83	28542	9.538	ug/L	98
37) 1,2-Dichloropropane	7.434	63	18682	10.401	ug/L	99
38) Bromodichloromethane	7.824	83	21360	8.933	ug/L #	99
39) cis-1,3-Dichloropropene	8.366	75	24994	8.524	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	51263	18.016	ug/L	99
42) Toluene	8.720	91	77756	10.039	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	22218	8.188	ug/L	97

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45) 1,1,2-Trichloroethane	9.153	97	20162	10.159	ug/L	97
46) Tetrachloroethene	9.275	164	17795	9.601	ug/L	92
48) 2-Hexanone	9.433	43	40887	18.176	ug/L	98
49) Dibromochloromethane	9.519	129	18531	9.266	ug/L	99
50) 1,2-Dibromoethane	9.610	107	21378	10.367	ug/L	98
51) Chlorobenzene	10.079	112	52916	10.256	ug/L	98
52) Ethylbenzene	10.195	91	81400	9.620	ug/L	99
53) m,p-Xylene	10.299	106	32937	9.584	ug/L	96
54) o-Xylene	10.640	106	32682	9.335	ug/L	94
55) Styrene	10.659	104	53571	9.165	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	31489	9.616	ug/L	99
59) Bromoform	10.799	173	15235	10.197	ug/L	99
60) Isopropylbenzene	10.963	105	82522	10.636	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	24457	11.261	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	61457	11.390	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	65744	10.320	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	40584	10.218	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	41692	10.408	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	42171	10.362	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	5430	9.271	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	28394	9.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	25015	9.213	ug/L	98
71) Naphthalene	13.774	128	78064	9.726	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	27043	9.734	ug/L	100

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

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