

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035116.D
 Acq On : 18 Apr 2023 12:27
 Operator : JC/MD
 Sample : VSTD01033
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010633

Quant Time: Apr 19 00:31:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	506842	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	438140	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	206456	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30891	9.452	ug/L	0.00
7) Chloroethane-d5	1.672	69	22934	9.712	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	14915	2.746	ug/L	0.00
21) 2-Butanone-d5	4.471	46	41160	18.862	ug/L	0.00
24) Chloroform-d	5.062	84	56274	9.144	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	38667	9.784	ug/L	0.00
32) Benzene-d6	5.976	84	121461	9.650	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	36083	9.385	ug/L	0.00
41) Toluene-d8	8.647	98	110662	9.620	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	13933	8.293	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	27630	17.896	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	44569	9.466	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	38288	9.570	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	35649	9.385	ug/L	98
3) Chloromethane	1.294	50	33029	9.554	ug/L	98
5) Vinyl chloride	1.374	62	34178	9.527	ug/L	94
6) Bromomethane	1.617	94	20097	9.432	ug/L	96
8) Chloroethane	1.691	64	19250	9.621	ug/L	93
9) Trichlorofluoromethane	1.892	101	46390	9.549	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	31659	9.539	ug/L	100
12) 1,1-Dichloroethene	2.325	96	28533	9.423	ug/L	78
13) Acetone	2.398	43	32429	20.076	ug/L	100
14) Carbon disulfide	2.514	76	65770	8.791	ug/L	99
15) Methyl Acetate	2.709	43	33734	9.749	ug/L	99
16) Methylene chloride	2.788	84	32420	9.616	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	29558	9.480	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	102381	9.494	ug/L	99
19) 1,1-Dichloroethane	3.611	63	56218	9.353	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	34020	9.332	ug/L	99
22) 2-Butanone	4.574	43	47560	19.182	ug/L	96
23) Bromochloromethane	4.897	128	16904	9.362	ug/L	97
25) Chloroform	5.092	83	56981	9.350	ug/L	96
27) 1,2-Dichloroethane	6.086	62	46653	9.558	ug/L	98
29) Cyclohexane	5.477	56	51169	9.666	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	47226	9.190	ug/L	98
31) Carbon tetrachloride	5.678	117	38246	8.777	ug/L	99
33) Benzene	6.037	78	127702	9.624	ug/L	100
34) Trichloroethene	7.123	95	33431	9.472	ug/L	93
35) Methylcyclohexane	7.379	83	44274	9.314	ug/L	100
37) 1,2-Dichloropropane	7.427	63	32866	9.408	ug/L	100
38) Bromodichloromethane	7.824	83	36509	8.845	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	44660	8.550	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	89154	19.361	ug/L	100
42) Toluene	8.720	91	132999	9.661	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	38825	8.249	ug/L	94

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45) 1,1,2-Trichloroethane	9.153	97	31839	9.605	ug/L	96
46) Tetrachloroethene	9.275	164	25087	9.542	ug/L	96
48) 2-Hexanone	9.433	43	68715	19.653	ug/L	99
49) Dibromochloromethane	9.519	129	26906	8.541	ug/L	100
50) 1,2-Dibromoethane	9.610	107	32418	9.399	ug/L	96
51) Chlorobenzene	10.079	112	87736	9.674	ug/L	98
52) Ethylbenzene	10.195	91	144791	9.515	ug/L	98
53) m,p-Xylene	10.299	106	55807	9.577	ug/L	97
54) o-Xylene	10.640	106	54241	9.468	ug/L	99
55) Styrene	10.652	104	90914	9.366	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	47165	9.654	ug/L	99
59) Bromoform	10.799	173	17597	8.280	ug/L	99
60) Isopropylbenzene	10.963	105	137225	9.775	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	38012	9.972	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	110604	9.634	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	108916	9.541	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	62356	9.739	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	63420	9.680	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	63394	9.765	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	8060	8.569	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.115	180	37400	9.449	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	33979	9.168	ug/L	100
71) Naphthalene	13.774	128	124750	9.449	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	35157	9.609	ug/L	99

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

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