

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036759.D
 Acq On : 02 Aug 2024 10:18
 Operator : SY/MD
 Sample : VSTD05042
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050242

Quant Time: Aug 02 23:51:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	317017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302353	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	151458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	181128	76.766	ug/L	0.00
7) Chloroethane-d5	1.529	69	144941	77.714	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	80829	77.463	ug/L	0.00
21) 2-Butanone-d5	3.796	46	198954	183.839	ug/L	0.00
24) Chloroform-d	4.246	84	332859	76.233	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	217877	77.366	ug/L	0.00
32) Benzene-d6	4.953	84	671104	76.790	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	212876	75.701	ug/L	0.00
41) Toluene-d8	7.240	98	612852	77.278	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	109430	75.285	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	121988	159.661	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	240458	75.957	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	215967	75.285	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	103299	44.774	ug/L	99
3) Chloromethane	1.217	50	117891	46.542	ug/L	100
5) Vinyl chloride	1.282	62	122897	46.628	ug/L	100
6) Bromomethane	1.487	94	78135	45.809	ug/L	99
8) Chloroethane	1.548	64	76608	46.158	ug/L	100
9) Trichlorofluoromethane	1.712	101	161254	46.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	95704	46.595	ug/L	99
12) 1,1-Dichloroethene	2.069	96	91416	46.542	ug/L #	83
13) Acetone	2.114	43	90811	83.431	ug/L	98
14) Carbon disulfide	2.237	76	284475	45.947	ug/L	100
15) Methyl Acetate	2.372	43	103349	46.570	ug/L	99
16) Methylene chloride	2.442	84	102635	46.190	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	96209	47.089	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	326287	45.574	ug/L	100
19) 1,1-Dichloroethane	3.105	63	194291	47.116	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	112691	46.597	ug/L	99
22) 2-Butanone	3.880	43	127972	93.558	ug/L	98
23) Bromochloromethane	4.140	128	53798	46.066	ug/L	92
25) Chloroform	4.272	83	203660	47.519	ug/L	99
27) 1,2-Dichloroethane	5.040	62	157680	47.477	ug/L	100
29) Cyclohexane	4.574	56	176886	46.689	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	172722	46.067	ug/L	99
31) Carbon tetrachloride	4.728	117	147084	46.664	ug/L	99
33) Benzene	5.005	78	422321	47.374	ug/L	100
34) Trichloroethene	5.828	95	118075	45.685	ug/L	97
35) Methylcyclohexane	6.043	83	184195	47.017	ug/L	99
37) 1,2-Dichloropropane	6.092	63	109230	46.535	ug/L	100
38) Bromodichloromethane	6.433	83	152086	46.709	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	188434	46.183	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	260708	91.856	ug/L	100
42) Toluene	7.314	91	441212	46.768	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	179240	47.392	ug/L	100

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45) 1,1,2-Trichloroethane	7.767	97	102334	45.435	ug/L	96
46) Tetrachloroethene	7.902	164	77102	45.898	ug/L	99
48) 2-Hexanone	8.076	43	191805	89.726	ug/L	98
49) Dibromochloromethane	8.172	129	108939	46.116	ug/L	99
50) 1,2-Dibromoethane	8.281	107	110497	46.404	ug/L	98
51) Chlorobenzene	8.812	112	276665	45.288	ug/L	98
52) Ethylbenzene	8.944	91	505247	46.446	ug/L	99
53) m,p-Xylene	9.069	106	185870	46.622	ug/L	99
54) o-Xylene	9.474	106	181140	45.657	ug/L	97
55) Styrene	9.493	104	314751	46.358	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	141897	46.876	ug/L	100
59) Bromoform	9.664	173	75512	46.021	ug/L	97
60) Isopropylbenzene	9.863	105	494094	45.915	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	120756	46.171	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	413137	45.829	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	412854	46.069	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	211547	45.241	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	217420	45.616	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	208774	45.752	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	34381	45.942	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	148040	45.334	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	140839	45.158	ug/L	98
71) Naphthalene	13.435	128	429533	44.005	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	136064	44.876	ug/L	99

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

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