

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036766.D
 Acq On : 02 Aug 2024 17:00
 Operator : SY/MD
 Sample : VSTD10048
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100248

Quant Time: Aug 02 23:23:46 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	5.529	114	917075	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	856997	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	431397	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	392093	57.445	ug/L	0.00
7) Chloroethane-d5	1.529	69	307775	57.045	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	168573	55.846	ug/L	0.00
21) 2-Butanone-d5	3.796	46	394863	126.127	ug/L	0.00
24) Chloroform-d	4.246	84	697775	55.243	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	453307	55.643	ug/L	0.00
32) Benzene-d6	4.953	84	1388814	56.065	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	447886	56.193	ug/L	0.00
41) Toluene-d8	7.240	98	1290783	57.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	240601	58.399	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	281809	130.128	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	537887	59.945	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	470597	57.595	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	401764	60.198	ug/L	100
3) Chloromethane	1.220	50	402073	54.871	ug/L	100
5) Vinyl chloride	1.282	62	410977	53.901	ug/L	99
6) Bromomethane	1.481	94	256572	51.999	ug/L	100
8) Chloroethane	1.545	64	249609	51.989	ug/L	98
9) Trichlorofluoromethane	1.709	101	520820	52.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	304143	51.188	ug/L	99
12) 1,1-Dichloroethene	2.066	96	293354	51.629	ug/L	89
13) Acetone	2.114	43	289667	91.995	ug/L	99
14) Carbon disulfide	2.237	76	925962	51.700	ug/L	99
15) Methyl Acetate	2.372	43	342122	53.291	ug/L	99
16) Methylene chloride	2.442	84	323234	50.286	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	306675	51.887	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	1057196	51.045	ug/L	100
19) 1,1-Dichloroethane	3.105	63	610164	51.149	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	357314	51.073	ug/L	98
22) 2-Butanone	3.876	43	436411	110.291	ug/L	99
23) Bromochloromethane	4.140	128	170934	50.597	ug/L	98
25) Chloroform	4.272	83	623428	50.284	ug/L	100
27) 1,2-Dichloroethane	5.037	62	502644	52.317	ug/L	100
29) Cyclohexane	4.571	56	569591	53.042	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	549685	51.724	ug/L	100
31) Carbon tetrachloride	4.725	117	470924	52.712	ug/L	100
33) Benzene	5.005	78	1336964	52.912	ug/L	100
34) Trichloroethene	5.828	95	377087	51.475	ug/L	99
35) Methylcyclohexane	6.043	83	585096	52.691	ug/L	99
37) 1,2-Dichloropropane	6.088	63	353991	53.207	ug/L	100
38) Bromodichloromethane	6.429	83	481994	52.226	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	605122	52.324	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	899468	111.808	ug/L	99
42) Toluene	7.310	91	1412019	52.805	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	570708	53.237	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	331708	51.959	ug/L	98
46) Tetrachloroethene	7.902	164	251064	52.728	ug/L	99
48) 2-Hexanone	8.072	43	677257	111.776	ug/L	100
49) Dibromochloromethane	8.172	129	354707	52.975	ug/L	99
50) 1,2-Dibromoethane	8.278	107	354827	52.573	ug/L	96
51) Chlorobenzene	8.809	112	899515	51.948	ug/L	99
52) Ethylbenzene	8.944	91	1629186	52.839	ug/L	100
53) m,p-Xylene	9.069	106	601632	53.241	ug/L	99
54) o-Xylene	9.474	106	594635	52.878	ug/L	99
55) Styrene	9.490	104	1033483	53.703	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	477937	55.704	ug/L	99
59) Bromoform	9.661	173	252316	53.988	ug/L	97
60) Isopropylbenzene	9.863	105	1614944	52.689	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	405362	54.415	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	1366922	53.236	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	1363980	53.436	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	696672	52.308	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	707184	52.091	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	676021	52.012	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	119594	56.106	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	491387	52.830	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	469617	52.865	ug/L	99
71) Naphthalene	13.432	128	1521449	54.724	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	462666	53.574	ug/L	99

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

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