

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035507.D
 Acq On : 01 May 2024 19:24
 Operator : SY/MD
 Sample : P2220-04MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0813MS

Quant Time: May 02 01:30:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	491937	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	501379	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	268051	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	171021	45.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.180%
7) Chloroethane-d5	1.529	69	140997	50.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.880%
11) 1,1-Dichloroethene-d2	2.056	65	74810	45.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.900%
21) 2-Butanone-d5	3.790	46	245215	95.789	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.790%
24) Chloroform-d	4.246	84	339418	48.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	4.941	65	201944	49.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
32) Benzene-d6	4.957	84	664689	47.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	5.986	67	204916	46.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.140%
41) Toluene-d8	7.240	98	621997	48.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	7.551	79	99982	46.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
47) 2-Hexanone-d5	8.021	63	195027	96.449	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.450%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	316021	47.132	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.260%
66) 1,2-Dichlorobenzene-d4	11.558	152	247137	46.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	157577	47.814	ug/L	99
3) Chloromethane	1.214	50	168697	47.251	ug/L	100
5) Vinyl chloride	1.282	62	181731	48.335	ug/L	100
6) Bromomethane	1.484	94	114267	47.799	ug/L	100
8) Chloroethane	1.545	64	120323	55.659	ug/L	100
9) Trichlorofluoromethane	1.709	101	251331	49.687	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	156691	48.872	ug/L	99
12) 1,1-Dichloroethene	2.066	96	139663	48.767	ug/L	92
13) Acetone	2.121	43	190181	80.247	ug/L	100
14) Carbon disulfide	2.237	76	352230	46.817	ug/L	100
15) Methyl Acetate	2.372	43	189111	49.191	ug/L	98
16) Methylene chloride	2.446	84	182570	50.311	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	148966	49.211	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	530212	49.805	ug/L	100
19) 1,1-Dichloroethane	3.108	63	317429	49.939	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	181261	50.346	ug/L	99
22) 2-Butanone	3.870	43	254114	90.575	ug/L	100
23) Bromochloromethane	4.143	128	99461	50.512	ug/L	96
25) Chloroform	4.272	83	335241	51.097	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	244720	52.119	ug/L	98
29) Cyclohexane	4.580	56	211896	47.335	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	282015	49.149	ug/L	99
31) Carbon tetrachloride	4.732	117	242153	48.808	ug/L	99
33) Benzene	5.008	78	664788	49.101	ug/L	100
34) Trichloroethene	5.831	95	172684	47.928	ug/L	99
35) Methylcyclohexane	6.050	83	240999	47.415	ug/L	99
37) 1,2-Dichloropropane	6.092	63	188450	50.660	ug/L	99
38) Bromodichloromethane	6.429	83	252427	49.324	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	281796	48.257	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	499093	100.512	ug/L	100
42) Toluene	7.314	91	712775	50.181	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	275158	49.607	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	197306	49.594	ug/L	99
46) Tetrachloroethene	7.902	164	138125	47.465	ug/L	98
48) 2-Hexanone	8.072	43	404483	100.115	ug/L	99
49) Dibromochloromethane	8.175	129	203572	48.883	ug/L	99
50) 1,2-Dibromoethane	8.281	107	207214	49.853	ug/L	98
51) Chlorobenzene	8.812	112	480038	48.684	ug/L	99
52) Ethylbenzene	8.944	91	771409	50.271	ug/L	99
53) m,p-Xylene	9.072	106	294018	51.649	ug/L	97
54) o-Xylene	9.477	106	288359	50.270	ug/L	99
55) Styrene	9.493	104	529241	53.383	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	335140	49.234	ug/L	100
59) Bromoform	9.664	173	166598	48.052	ug/L	100
60) Isopropylbenzene	9.866	105	783086	50.590	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	255810	47.570	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	627383	50.643	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	638027	51.361	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	390503	48.719	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	399261	47.207	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	405318	48.333	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	75931	47.945	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	292555	48.086	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	261311	48.756	ug/L	99
71) Naphthalene	13.435	128	747155	49.739	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	282072	50.703	ug/L	99

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

