

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040524\
 Data File : VW035037.D
 Acq On : 06 Apr 2024 04:37
 Operator : SY/MD
 Sample : P2009-04MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LZ3MSD

Quant Time: Apr 06 05:46:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	352686	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	341863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	168229	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	147279	43.240	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.480%		
7) Chloroethane-d5	1.532	69	145459	49.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.340%		
11) 1,1-Dichloroethene-d2	2.056	65	61902	41.460	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.920%		
21) 2-Butanone-d5	3.793	46	209664	103.790	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.790%		
24) Chloroform-d	4.246	84	272951	47.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
26) 1,2-Dichloroethane-d4	4.941	65	175011	48.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.260%		
32) Benzene-d6	4.957	84	541074	47.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.240%		
36) 1,2-Dichloropropane-d6	5.986	67	174343	47.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.620%		
41) Toluene-d8	7.239	98	482487	46.654	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.300%		
43) trans-1,3-Dichloroprop...	7.551	79	80106	45.188	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.380%		
47) 2-Hexanone-d5	8.024	63	127259	92.304	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.300%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	254635	50.709	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.420%		
66) 1,2-Dichlorobenzene-d4	11.558	152	175717	46.522	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	96782	37.862	ug/L	99
3) Chloromethane	1.217	50	141832	43.160	ug/L	99
5) Vinyl chloride	1.285	62	143192	41.565	ug/L #	1
6) Bromomethane	1.490	94	102268	39.603	ug/L	98
8) Chloroethane	1.548	64	123396	52.445	ug/L	90
9) Trichlorofluoromethane	1.709	101	187377	41.440	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	112256	40.562	ug/L	98
12) 1,1-Dichloroethene	2.069	96	111558	42.146	ug/L	92
13) Acetone	2.124	43	165477	89.226	ug/L	99
14) Carbon disulfide	2.240	76	292659	39.262	ug/L	100
15) Methyl Acetate	2.375	43	149685	51.217	ug/L	99
16) Methylene chloride	2.445	84	152357	53.122	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	123321	48.190	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	505149	56.199	ug/L	98
19) 1,1-Dichloroethane	3.111	63	285400	54.384	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	175489	60.389	ug/L	97
22) 2-Butanone	3.873	43	237053	110.153	ug/L	98
23) Bromochloromethane	4.146	128	81521	56.070	ug/L	96
25) Chloroform	4.272	83	283573	54.655	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	229887	55.649	ug/L	100
29) Cyclohexane	4.580	56	180612	42.182	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	221154	49.629	ug/L	99
31) Carbon tetrachloride	4.732	117	180498	47.789	ug/L	100
33) Benzene	5.008	78	586948	52.652	ug/L	100
34) Trichloroethene	5.831	95	139900	46.502	ug/L	97
35) Methylcyclohexane	6.050	83	180463	39.719	ug/L	98
37) 1,2-Dichloropropane	6.088	63	172174	55.888	ug/L	100
38) Bromodichloromethane	6.429	83	220289	55.421	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	252933	52.118	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	481390	122.388	ug/L	99
42) Toluene	7.313	91	609598	52.233	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	237390	53.243	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	166331	57.283	ug/L	99
46) Tetrachloroethene	7.902	164	99492	47.336	ug/L	97
48) 2-Hexanone	8.072	43	379749	113.516	ug/L	97
49) Dibromochloromethane	8.175	129	166203	57.792	ug/L	97
50) 1,2-Dibromoethane	8.278	107	171623	54.899	ug/L	98
51) Chlorobenzene	8.812	112	423321	55.964	ug/L	99
52) Ethylbenzene	8.944	91	654696	50.616	ug/L	99
53) m,p-Xylene	9.069	106	239889	50.361	ug/L	95
54) o-Xylene	9.477	106	248107	52.642	ug/L	98
55) Styrene	9.493	104	429864	53.972	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	289977	61.636	ug/L	99
59) Bromoform	9.664	173	128969	66.897	ug/L	99
60) Isopropylbenzene	9.863	105	633937	52.271	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	218946	60.060	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	416375	52.863	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	522860	53.691	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	300543	53.028	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	333321	57.833	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	329208	58.309	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	58712	58.460	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	195424	47.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	184168	49.085	ug/L	99
71) Naphthalene	13.435	128	489146	46.989	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	181002	48.940	ug/L	99

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

