

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031424\
 Data File : VW034635.D
 Acq On : 15 Mar 2024 04:37
 Operator : SY/MD
 Sample : P1751-08MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCKY0MSD

Quant Time: Mar 15 06:59:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	300797	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	280627	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	146375	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	120763	46.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.620%		
7) Chloroethane-d5	1.529	69	100419	49.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.860%		
11) 1,1-Dichloroethene-d2	2.056	65	55456	47.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.060%		
21) 2-Butanone-d5	3.786	46	187912	107.760	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.760%		
24) Chloroform-d	4.249	84	226958	49.226	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.460%		
26) 1,2-Dichloroethane-d4	4.940	65	147514	48.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.920%		
32) Benzene-d6	4.960	84	428595	50.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.220%		
36) 1,2-Dichloropropane-d6	5.989	67	131465	50.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.720%		
41) Toluene-d8	7.243	98	385742	50.329	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.660%		
43) trans-1,3-Dichloroprop...	7.551	79	62651	48.269	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.540%		
47) 2-Hexanone-d5	8.024	63	135448	104.943	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.940%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	185597	54.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.120%		
66) 1,2-Dichlorobenzene-d4	11.561	152	145669	48.687	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	147331	46.696	ug/L	100
3) Chloromethane	1.214	50	144604	46.642	ug/L	98
5) Vinyl chloride	1.281	62	143383	47.644	ug/L	99
6) Bromomethane	1.484	94	81806	45.306	ug/L	100
8) Chloroethane	1.545	64	88348	49.391	ug/L	97
9) Trichlorofluoromethane	1.712	101	213683	47.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	114757	47.245	ug/L	98
12) 1,1-Dichloroethene	2.069	96	105784	46.966	ug/L	97
13) Acetone	2.117	43	219016	104.476	ug/L	99
14) Carbon disulfide	2.240	76	307319	49.164	ug/L	99
15) Methyl Acetate	2.375	43	116135	43.303	ug/L	100
16) Methylene chloride	2.445	84	120580	50.470	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	106931	49.050	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	405868	51.843	ug/L	99
19) 1,1-Dichloroethane	3.111	63	221075	51.767	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	124049	52.444	ug/L	96
22) 2-Butanone	3.870	43	194761	94.084	ug/L	97
23) Bromochloromethane	4.149	128	64145	52.444	ug/L	95
25) Chloroform	4.275	83	225441	50.931	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	182467	50.738	ug/L	99
29) Cyclohexane	4.583	56	179752	48.698	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	203399	50.545	ug/L	100
31) Carbon tetrachloride	4.735	117	177270	49.756	ug/L	98
33) Benzene	5.008	78	451641	51.849	ug/L	100
34) Trichloroethene	5.831	95	117623	47.504	ug/L	95
35) Methylcyclohexane	6.050	83	180845	48.043	ug/L	98
37) 1,2-Dichloropropane	6.091	63	119131	52.238	ug/L	99
38) Bromodichloromethane	6.432	83	167794	52.308	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	185549	50.217	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	377278	112.192	ug/L	98
42) Toluene	7.313	91	471260	51.119	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	178925	50.350	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	119656	54.379	ug/L	98
46) Tetrachloroethene	7.905	164	88778	48.212	ug/L	98
48) 2-Hexanone	8.075	43	294951	110.072	ug/L	99
49) Dibromochloromethane	8.175	129	120454	51.874	ug/L	96
50) 1,2-Dibromoethane	8.281	107	126432	54.147	ug/L	98
51) Chlorobenzene	8.812	112	304794	51.141	ug/L	99
52) Ethylbenzene	8.943	91	530112	51.319	ug/L	99
53) m,p-Xylene	9.072	106	201399	51.379	ug/L	100
54) o-Xylene	9.477	106	198594	51.739	ug/L	97
55) Styrene	9.493	104	339600	52.255	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	188533	57.046	ug/L	100
59) Bromoform	9.664	173	83921	51.712	ug/L	99
60) Isopropylbenzene	9.866	105	537535	51.924	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	155703	55.725	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	443523	50.789	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	447282	51.787	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	241247	50.401	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	238763	49.121	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	240853	50.217	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	45581	54.763	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	169754	47.275	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	155358	48.083	ug/L	98
71) Naphthalene	13.438	128	482163	55.788	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	162584	51.581	ug/L	99

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

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