

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031924\
 Data File : VW034746.D
 Acq On : 19 Mar 2024 19:33
 Operator : SY/MD
 Sample : P1756-07MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCKT8MSD

Quant Time: Mar 20 01:27:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	327958	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	311123	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162763	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	131299	46.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.360%
7) Chloroethane-d5	1.529	69	106815	48.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	2.060	65	59133	45.990	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.980%
21) 2-Butanone-d5	3.786	46	182310	95.889	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.890%
24) Chloroform-d	4.246	84	249749	49.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	4.940	65	162463	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
32) Benzene-d6	4.960	84	466382	49.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
36) 1,2-Dichloropropane-d6	5.985	67	142141	49.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.200%
41) Toluene-d8	7.243	98	427171	50.271	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.540%
43) trans-1,3-Dichloroprop...	7.551	79	73873	51.336	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.680%
47) 2-Hexanone-d5	8.024	63	116355	81.313	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.310%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	196144	52.013	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.020%
66) 1,2-Dichlorobenzene-d4	11.558	152	165034	49.606	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	144074	41.882	ug/L	100
3) Chloromethane	1.214	50	138408	40.946	ug/L	99
5) Vinyl chloride	1.285	62	143353	43.689	ug/L	99
6) Bromomethane	1.484	94	89859	45.644	ug/L	99
8) Chloroethane	1.545	64	93526	47.956	ug/L	98
9) Trichlorofluoromethane	1.712	101	225636	45.920	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	125137	47.252	ug/L	98
12) 1,1-Dichloroethene	2.069	96	115018	46.836	ug/L	98
13) Acetone	2.114	43	191662	83.855	ug/L	98
14) Carbon disulfide	2.240	76	279427	40.999	ug/L	99
15) Methyl Acetate	2.371	43	150650	51.521	ug/L	99
16) Methylene chloride	2.445	84	135391	51.976	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	115210	48.471	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	470970	55.176	ug/L	98
19) 1,1-Dichloroethane	3.111	63	256158	55.015	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	135977	52.726	ug/L	94
22) 2-Butanone	3.867	43	198765	88.066	ug/L	99
23) Bromochloromethane	4.146	128	70084	52.554	ug/L	95
25) Chloroform	4.275	83	250668	51.940	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	206075	52.556	ug/L	98
29) Cyclohexane	4.580	56	185136	45.240	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	223973	50.202	ug/L	100
31) Carbon tetrachloride	4.735	117	193241	48.922	ug/L	99
33) Benzene	5.008	78	495356	51.294	ug/L	100
34) Trichloroethene	5.831	95	131429	47.877	ug/L	99
35) Methylcyclohexane	6.050	83	188032	45.056	ug/L	100
37) 1,2-Dichloropropane	6.092	63	137374	54.333	ug/L	100
38) Bromodichloromethane	6.429	83	186829	52.533	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	208956	51.009	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	399983	107.285	ug/L	98
42) Toluene	7.313	91	516101	50.495	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	209348	53.136	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	133536	54.739	ug/L	98
46) Tetrachloroethene	7.905	164	98708	48.350	ug/L	98
48) 2-Hexanone	8.072	43	316439	106.516	ug/L	98
49) Dibromochloromethane	8.175	129	140390	54.534	ug/L	98
50) 1,2-Dibromoethane	8.281	107	135936	52.511	ug/L	99
51) Chlorobenzene	8.812	112	346056	52.373	ug/L	99
52) Ethylbenzene	8.944	91	597486	52.172	ug/L	98
53) m,p-Xylene	9.072	106	221190	50.897	ug/L	99
54) o-Xylene	9.477	106	222177	52.209	ug/L	100
55) Styrene	9.493	104	382520	53.089	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	206889	56.464	ug/L	100
59) Bromoform	9.664	173	97544	54.054	ug/L	99
60) Isopropylbenzene	9.866	105	610540	53.038	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	172816	55.623	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	511396	52.665	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	512752	53.390	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	278855	52.393	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	283461	52.445	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	282818	53.029	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	49264	53.229	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	197766	49.531	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	184009	51.217	ug/L	99
71) Naphthalene	13.438	128	507144	52.770	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	186765	53.287	ug/L	99

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

