

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031924\
 Data File : VW034718.D
 Acq On : 19 Mar 2024 00:18
 Operator : SY/MD
 Sample : P1752-09MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL46MSD

Quant Time: Mar 19 02:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	352810	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	335871	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	176688	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	170285	55.676	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 111.360%		
7) Chloroethane-d5	1.529	69	130140	54.617	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 109.240%		
11) 1,1-Dichloroethene-d2	2.060	65	72232	52.221	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.440%		
21) 2-Butanone-d5	3.786	46	216613	105.906	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 105.910%		
24) Chloroform-d	4.246	84	282307	52.204	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 104.400%		
26) 1,2-Dichloroethane-d4	4.941	65	181634	51.399	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.800%		
32) Benzene-d6	4.957	84	533128	52.594	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.180%		
36) 1,2-Dichloropropane-d6	5.986	67	159768	51.646	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 103.300%		
41) Toluene-d8	7.239	98	490244	53.443	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 106.880%		
43) trans-1,3-Dichloroprop...	7.551	79	83044	53.457	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 106.920%		
47) 2-Hexanone-d5	8.024	63	132140	85.540	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 85.540%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	218164	53.589	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 107.180%		
66) 1,2-Dichlorobenzene-d4	11.558	152	186927	51.758	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	151941	41.057	ug/L	99
3) Chloromethane	1.214	50	145270	39.949	ug/L	97
5) Vinyl chloride	1.282	62	150158	42.540	ug/L	100
6) Bromomethane	1.487	94	90175	42.578	ug/L	100
8) Chloroethane	1.548	64	92964	44.310	ug/L	99
9) Trichlorofluoromethane	1.712	101	232516	43.987	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	129660	45.511	ug/L	98
12) 1,1-Dichloroethene	2.069	96	155178	58.739	ug/L	97
13) Acetone	2.118	43	240032	97.621	ug/L	98
14) Carbon disulfide	2.240	76	294707	40.196	ug/L	98
15) Methyl Acetate	2.372	43	166418	52.904	ug/L	95
16) Methylene chloride	2.445	84	139994	49.957	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	120124	46.978	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	483063	52.606	ug/L	98
19) 1,1-Dichloroethane	3.111	63	268623	53.628	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	145129	52.311	ug/L	96
22) 2-Butanone	3.867	43	227083	93.525	ug/L	97
23) Bromochloromethane	4.146	128	71085	49.550	ug/L	96
25) Chloroform	4.275	83	258506	49.791	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	206030	48.844	ug/L	99
29) Cyclohexane	4.580	56	192926	43.670	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	245493	50.971	ug/L	100
31) Carbon tetrachloride	4.735	117	199662	46.823	ug/L	97
33) Benzene	5.008	78	507615	48.690	ug/L	100
34) Trichloroethene	5.831	95	133837	45.162	ug/L	97
35) Methylcyclohexane	6.050	83	195838	43.469	ug/L	99
37) 1,2-Dichloropropane	6.092	63	138771	50.841	ug/L	99
38) Bromodichloromethane	6.429	83	193673	50.445	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	223151	50.460	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	424219	105.402	ug/L	97
42) Toluene	7.313	91	541308	49.059	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	210030	49.382	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	140565	53.374	ug/L	99
46) Tetrachloroethene	7.905	164	99513	45.153	ug/L	99
48) 2-Hexanone	8.072	43	337046	105.093	ug/L	100
49) Dibromochloromethane	8.175	129	144405	51.960	ug/L	97
50) 1,2-Dibromoethane	8.281	107	143739	51.434	ug/L	98
51) Chlorobenzene	8.812	112	355096	49.782	ug/L	99
52) Ethylbenzene	8.944	91	610619	49.390	ug/L	99
53) m,p-Xylene	9.072	106	224390	47.829	ug/L	99
54) o-Xylene	9.477	106	230579	50.191	ug/L	98
55) Styrene	9.493	104	400524	51.492	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	217066	54.877	ug/L	99
59) Bromoform	9.664	173	101080	51.599	ug/L	99
60) Isopropylbenzene	9.866	105	624826	50.001	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	179743	53.293	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	528306	50.118	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	531374	50.968	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	289220	50.058	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	288900	49.239	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	290537	50.183	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	52352	52.107	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	200869	46.343	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	184364	47.271	ug/L	99
71) Naphthalene	13.439	128	504334	48.342	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	187894	49.384	ug/L	99

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

