

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032124\
 Data File : VW034792.D
 Acq On : 21 Mar 2024 16:46
 Operator : SY/MD
 Sample : P1755-21MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL13MSD

Quant Time: Mar 22 02:04:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	338226	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	315189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172807	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	148325	50.587	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.180%	
7) Chloroethane-d5	1.532	69	116290	50.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.820%	
11) 1,1-Dichloroethene-d2	2.060	65	49827	37.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 75.160%	
21) 2-Butanone-d5	3.793	46	183739	93.707	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 93.710%	
24) Chloroform-d	4.246	84	262336	50.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.200%	
26) 1,2-Dichloroethane-d4	4.941	65	168427	49.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.440%	
32) Benzene-d6	4.960	84	498672	52.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.840%	
36) 1,2-Dichloropropane-d6	5.986	67	147617	50.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.700%	
41) Toluene-d8	7.240	98	456240	53.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.000%	
43) trans-1,3-Dichloroprop...	7.551	79	78921	54.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.280%	
47) 2-Hexanone-d5	8.024	63	116593	80.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 80.430%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	203688	53.317	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.640%	
66) 1,2-Dichlorobenzene-d4	11.558	152	177301	50.195	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	150081	42.303	ug/L	99
3) Chloromethane	1.217	50	137913	39.561	ug/L	99
5) Vinyl chloride	1.285	62	145792	43.084	ug/L	98
6) Bromomethane	1.491	94	90298	44.475	ug/L	98
8) Chloroethane	1.548	64	93495	46.484	ug/L	100
9) Trichlorofluoromethane	1.712	101	207769	41.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	106232	38.895	ug/L	97
12) 1,1-Dichloroethene	2.069	96	92270	36.432	ug/L	91
13) Acetone	2.124	43	275244	116.768	ug/L	97
14) Carbon disulfide	2.243	76	274603	39.068	ug/L	99
15) Methyl Acetate	2.375	43	197535	65.504	ug/L	92
16) Methylene chloride	2.446	84	134997	50.251	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	117904	48.098	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	480773	54.615	ug/L	98
19) 1,1-Dichloroethane	3.111	63	252203	52.521	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	140271	52.740	ug/L	95
22) 2-Butanone	3.870	43	225008	96.667	ug/L	97
23) Bromochloromethane	4.150	128	72704	52.864	ug/L	98
25) Chloroform	4.275	83	264257	53.094	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	212356	52.514	ug/L	97
29) Cyclohexane	4.580	56	193312	46.629	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	235915	52.197	ug/L	99
31) Carbon tetrachloride	4.735	117	203932	50.963	ug/L	100
33) Benzene	5.008	78	514114	52.549	ug/L	100
34) Trichloroethene	5.831	95	139544	50.178	ug/L	98
35) Methylcyclohexane	6.050	83	207054	48.974	ug/L	98
37) 1,2-Dichloropropane	6.092	63	141977	55.429	ug/L	99
38) Bromodichloromethane	6.429	83	196558	54.555	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	232388	55.997	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	418465	110.795	ug/L	98
42) Toluene	7.313	91	555565	53.655	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	220377	55.214	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	142443	57.636	ug/L	98
46) Tetrachloroethene	7.902	164	105976	51.241	ug/L	97
48) 2-Hexanone	8.072	43	326038	108.331	ug/L	98
49) Dibromochloromethane	8.175	129	149115	57.176	ug/L	100
50) 1,2-Dibromoethane	8.281	107	146192	55.744	ug/L	100
51) Chlorobenzene	8.812	112	364751	54.491	ug/L	99
52) Ethylbenzene	8.944	91	628312	54.156	ug/L	98
53) m,p-Xylene	9.072	106	239770	54.461	ug/L	99
54) o-Xylene	9.477	106	238087	55.226	ug/L	98
55) Styrene	9.493	104	417374	57.179	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	221798	59.752	ug/L	100
59) Bromoform	9.664	173	105041	54.825	ug/L	100
60) Isopropylbenzene	9.863	105	655531	53.636	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	179278	54.349	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	553138	53.652	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	553449	54.278	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	306240	54.194	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	308404	53.743	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	312642	55.214	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	51539	52.450	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	223542	52.732	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	197562	51.793	ug/L	99
71) Naphthalene	13.435	128	503615	49.357	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	194048	52.147	ug/L	99

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

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