

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034849.D
 Acq On : 26 Mar 2024 23:51
 Operator : SY/MD
 Sample : P1852-05MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOLY4MS

Quant Time: Mar 27 01:41:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	389829	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	378692	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	194746	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	146225	38.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.680%
7) Chloroethane-d5	1.532	69	127183	38.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.780%
11) 1,1-Dichloroethene-d2	2.060	65	64120	38.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.700%
21) 2-Butanone-d5	3.786	46	169830	76.061	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.060%
24) Chloroform-d	4.249	84	257429	40.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.340%
26) 1,2-Dichloroethane-d4	4.941	65	161794	40.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.520%
32) Benzene-d6	4.960	84	510553	40.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.280%
36) 1,2-Dichloropropane-d6	5.985	67	159392	39.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.920%
41) Toluene-d8	7.243	98	465763	40.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.320%
43) trans-1,3-Dichloroprop...	7.551	79	76660	39.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.080%
47) 2-Hexanone-d5	8.024	63	118803	77.791	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.790%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	228906	41.152	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.300%
66) 1,2-Dichlorobenzene-d4	11.558	152	175541	40.147	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	126674	44.834	ug/L	98
3) Chloromethane	1.214	50	153969	42.389	ug/L	99
5) Vinyl chloride	1.285	62	190211	49.952	ug/L	99
6) Bromomethane	1.487	94	132963	46.583	ug/L	99
8) Chloroethane	1.548	64	112091	43.101	ug/L	99
9) Trichlorofluoromethane	1.712	101	229799	45.980	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	135516	44.301	ug/L	98
12) 1,1-Dichloroethene	2.069	96	131319	44.885	ug/L	96
13) Acetone	2.114	43	125004	60.980	ug/L	100
14) Carbon disulfide	2.243	76	359310	43.611	ug/L	99
15) Methyl Acetate	2.371	43	128701	39.841	ug/L	96
16) Methylene chloride	2.445	84	142390	44.917	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	127205	44.971	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	445624	44.853	ug/L	100
19) 1,1-Dichloroethane	3.111	63	260566	44.921	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	165435	51.505	ug/L	94
22) 2-Butanone	3.867	43	172292	72.432	ug/L	100
23) Bromochloromethane	4.146	128	74052	46.080	ug/L	94
25) Chloroform	4.275	83	262434	45.761	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	208082	45.572	ug/L	100
29) Cyclohexane	4.580	56	215027	45.335	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	222366	45.048	ug/L	99
31) Carbon tetrachloride	4.735	117	190517	45.536	ug/L	99
33) Benzene	5.008	78	551723	44.679	ug/L	100
34) Trichloroethene	5.831	95	143340	43.011	ug/L	98
35) Methylcyclohexane	6.050	83	219426	43.597	ug/L	98
37) 1,2-Dichloropropane	6.092	63	151036	44.259	ug/L	99
38) Bromodichloromethane	6.432	83	196060	44.528	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	226464	42.126	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	374717	86.002	ug/L	99
42) Toluene	7.313	91	590397	45.668	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	222519	45.054	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	145979	45.384	ug/L	98
46) Tetrachloroethene	7.905	164	101474	43.583	ug/L	99
48) 2-Hexanone	8.072	43	293465	79.193	ug/L	96
49) Dibromochloromethane	8.175	129	142206	44.639	ug/L	99
50) 1,2-Dibromoethane	8.281	107	156264	45.125	ug/L	99
51) Chlorobenzene	8.812	112	378223	45.139	ug/L	99
52) Ethylbenzene	8.944	91	648375	45.252	ug/L	99
53) m,p-Xylene	9.072	106	238946	45.285	ug/L	98
54) o-Xylene	9.477	106	237850	45.558	ug/L	96
55) Styrene	9.493	104	403838	45.773	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	238055	45.679	ug/L	100
59) Bromoform	9.664	173	99224	44.460	ug/L	99
60) Isopropylbenzene	9.866	105	642289	45.748	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	185496	43.956	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	413864	45.390	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	512434	45.456	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	286835	43.718	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	298073	44.675	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	294243	45.020	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	50028	43.030	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	198190	41.914	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	191369	44.059	ug/L	99
71) Naphthalene	13.435	128	590652	49.015	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	196299	45.849	ug/L	99

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

