

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034847.D
 Acq On : 26 Mar 2024 23:03
 Operator : SY/MD
 Sample : P1851-09MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LX7MS

Quant Time: Mar 27 01:40:24 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	358062	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	350594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	181572	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	153801	44.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.960%
7) Chloroethane-d5	1.529	69	137668	45.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.680%
11) 1,1-Dichloroethene-d2	2.059	65	66647	43.968	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.940%
21) 2-Butanone-d5	3.786	46	193994	94.591	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.590%
24) Chloroform-d	4.249	84	267877	46.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.140%
26) 1,2-Dichloroethane-d4	4.940	65	169847	46.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.020%
32) Benzene-d6	4.960	84	534547	45.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.780%
36) 1,2-Dichloropropane-d6	5.989	67	168411	45.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.060%
41) Toluene-d8	7.243	98	480439	45.299	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.551	79	82028	45.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.240%
47) 2-Hexanone-d5	8.024	63	137833	97.484	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.480%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	243186	47.223	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	11.557	152	184167	45.176	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	121942	46.989	ug/L	99
3) Chloromethane	1.214	50	149051	44.676	ug/L	99
5) Vinyl chloride	1.285	62	162803	46.548	ug/L	100
6) Bromomethane	1.487	94	128928	49.177	ug/L	99
8) Chloroethane	1.548	64	111756	46.785	ug/L	99
9) Trichlorofluoromethane	1.712	101	221045	48.152	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	130950	46.606	ug/L	99
12) 1,1-Dichloroethene	2.069	96	128575	47.846	ug/L	93
13) Acetone	2.114	43	135472	71.950	ug/L	98
14) Carbon disulfide	2.243	76	347902	45.973	ug/L	100
15) Methyl Acetate	2.371	43	134468	45.320	ug/L	98
16) Methylene chloride	2.445	84	136894	47.014	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	123351	47.478	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	431198	47.251	ug/L	99
19) 1,1-Dichloroethane	3.111	63	252592	47.410	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	140277	47.547	ug/L	97
22) 2-Butanone	3.866	43	184478	84.435	ug/L	99
23) Bromochloromethane	4.143	128	70620	47.843	ug/L	96
25) Chloroform	4.275	83	250798	47.612	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	200060	47.702	ug/L	99
29) Cyclohexane	4.583	56	201274	45.836	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	213891	46.803	ug/L	99
31) Carbon tetrachloride	4.735	117	181643	46.894	ug/L	100
33) Benzene	5.011	78	535713	46.859	ug/L	100
34) Trichloroethene	5.831	95	139282	45.143	ug/L	99
35) Methylcyclohexane	6.050	83	207202	44.468	ug/L	98
37) 1,2-Dichloropropane	6.091	63	146975	46.520	ug/L	100
38) Bromodichloromethane	6.432	83	188112	46.147	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	230486	46.310	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	385288	95.516	ug/L	99
42) Toluene	7.313	91	563810	47.106	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	213555	46.705	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	141746	47.600	ug/L	99
46) Tetrachloroethene	7.905	164	99808	46.303	ug/L	99
48) 2-Hexanone	8.072	43	311880	90.907	ug/L	97
49) Dibromochloromethane	8.175	129	138251	46.875	ug/L	97
50) 1,2-Dibromoethane	8.281	107	150255	46.867	ug/L	96
51) Chlorobenzene	8.812	112	367885	47.424	ug/L	99
52) Ethylbenzene	8.943	91	626770	47.250	ug/L	100
53) m,p-Xylene	9.072	106	235941	48.299	ug/L	97
54) o-Xylene	9.477	106	229085	47.396	ug/L	100
55) Styrene	9.493	104	394319	48.276	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	238352	49.402	ug/L	99
59) Bromoform	9.664	173	96125	46.197	ug/L	100
60) Isopropylbenzene	9.866	105	616426	47.092	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	181488	46.127	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	403486	47.462	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	497975	47.378	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	277750	45.405	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	283901	45.638	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	280732	46.069	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	50563	46.646	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	192399	43.641	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	179665	44.366	ug/L	100
71) Naphthalene	13.435	128	490621	43.668	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	185387	46.442	ug/L	100

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

