

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034848.D
 Acq On : 26 Mar 2024 23:27
 Operator : SY/MD
 Sample : P1851-10MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LX7MSD

Quant Time: Mar 27 01:40:55 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	373712	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	367154	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	188580	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	153880	42.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.280%
7) Chloroethane-d5	1.529	69	143881	45.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.060	65	66398	41.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.940%
21) 2-Butanone-d5	3.783	46	198824	92.886	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.890%
24) Chloroform-d	4.246	84	274378	45.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.440%
26) 1,2-Dichloroethane-d4	4.940	65	170115	44.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.320%
32) Benzene-d6	4.960	84	539421	43.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.480%
36) 1,2-Dichloropropane-d6	5.985	67	170566	43.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.100%
41) Toluene-d8	7.243	98	489106	44.037	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	7.551	79	81642	42.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.760%
47) 2-Hexanone-d5	8.021	63	140902	95.160	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	246386	45.686	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.380%
66) 1,2-Dichlorobenzene-d4	11.558	152	185818	43.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	123876	45.735	ug/L	99
3) Chloromethane	1.214	50	155531	44.666	ug/L	99
5) Vinyl chloride	1.285	62	169991	46.567	ug/L	99
6) Bromomethane	1.487	94	137167	50.128	ug/L	100
8) Chloroethane	1.548	64	116884	46.883	ug/L	100
9) Trichlorofluoromethane	1.712	101	229352	47.870	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	132176	45.072	ug/L	98
12) 1,1-Dichloroethene	2.069	96	133377	47.554	ug/L	94
13) Acetone	2.117	43	143142	72.840	ug/L	100
14) Carbon disulfide	2.243	76	368009	46.593	ug/L	99
15) Methyl Acetate	2.371	43	140403	45.338	ug/L	99
16) Methylene chloride	2.445	84	141558	46.580	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	129736	47.844	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	449004	47.142	ug/L	100
19) 1,1-Dichloroethane	3.111	63	261739	47.069	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	147882	48.026	ug/L	96
22) 2-Butanone	3.867	43	191106	83.806	ug/L	97
23) Bromochloromethane	4.146	128	73785	47.894	ug/L	97
25) Chloroform	4.275	83	261156	47.502	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	210598	48.112	ug/L	98
29) Cyclohexane	4.580	56	208477	45.335	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	223848	46.773	ug/L	100
31) Carbon tetrachloride	4.735	117	189650	46.753	ug/L	100
33) Benzene	5.008	78	557096	46.532	ug/L	100
34) Trichloroethene	5.831	95	146615	45.377	ug/L	98
35) Methylcyclohexane	6.050	83	210264	43.090	ug/L	99
37) 1,2-Dichloropropane	6.092	63	154054	46.562	ug/L	100
38) Bromodichloromethane	6.432	83	198172	46.422	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	233217	44.745	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	402639	95.315	ug/L	99
42) Toluene	7.313	91	592880	47.301	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	225149	47.019	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	145063	46.517	ug/L	99
46) Tetrachloroethene	7.905	164	102868	45.570	ug/L	99
48) 2-Hexanone	8.072	43	329363	91.673	ug/L	97
49) Dibromochloromethane	8.175	129	146516	47.437	ug/L	98
50) 1,2-Dibromoethane	8.281	107	156446	46.597	ug/L	97
51) Chlorobenzene	8.812	112	387849	47.743	ug/L	99
52) Ethylbenzene	8.944	91	652753	46.989	ug/L	100
53) m,p-Xylene	9.072	106	243243	47.548	ug/L	97
54) o-Xylene	9.477	106	238343	47.087	ug/L	98
55) Styrene	9.493	104	410755	48.020	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	246700	48.826	ug/L	99
59) Bromoform	9.664	173	102386	47.377	ug/L	99
60) Isopropylbenzene	9.866	105	647716	47.643	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	194511	47.599	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	421247	47.710	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	524212	48.021	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	294861	46.411	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	301322	46.639	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	298215	47.119	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	53855	47.837	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	207318	45.278	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	196948	46.826	ug/L	100
71) Naphthalene	13.435	128	594531	50.950	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	202853	48.929	ug/L	100

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

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