

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035438.D
 Acq On : 26 Apr 2024 19:38
 Operator : SY/MD
 Sample : P2204-06MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1CX4MSD

Quant Time: Apr 27 00:37:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:18:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	538731	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	536455	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	288905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	189162	43.691	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.380%
7) Chloroethane-d5	1.532	69	150335	60.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.200%
11) 1,1-Dichloroethene-d2	2.053	65	77622	43.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.740%
21) 2-Butanone-d5	3.799	46	246939	111.287	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.290%
24) Chloroform-d	4.246	84	336538	46.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
26) 1,2-Dichloroethane-d4	4.937	65	199138	46.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
32) Benzene-d6	4.957	84	667384	47.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	5.986	67	204670	47.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.100%
41) Toluene-d8	7.240	98	615781	48.462	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.920%
43) trans-1,3-Dichloroprop...	7.551	79	98371	48.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.700%
47) 2-Hexanone-d5	8.030	63	150196	119.782	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.780%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	309424	49.912	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.820%
66) 1,2-Dichlorobenzene-d4	11.558	152	243303	48.135	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	177432	44.798	ug/L	99
3) Chloromethane	1.214	50	187035	46.536	ug/L	99
5) Vinyl chloride	1.282	62	200365	47.257	ug/L	99
6) Bromomethane	1.487	94	119937	48.300	ug/L	99
8) Chloroethane	1.548	64	129758	69.326	ug/L	99
9) Trichlorofluoromethane	1.706	101	276006	48.197	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	168868	47.068	ug/L	99
12) 1,1-Dichloroethene	2.063	96	150297	47.219	ug/L	92
13) Acetone	2.130	43	206399	78.277	ug/L	98
14) Carbon disulfide	2.237	76	408520	46.205	ug/L	100
15) Methyl Acetate	2.375	43	207869	51.983	ug/L	98
16) Methylene chloride	2.442	84	192643	47.854	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	163262	47.710	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	582824	50.568	ug/L	99
19) 1,1-Dichloroethane	3.108	63	340805	48.111	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	191361	49.707	ug/L	98
22) 2-Butanone	3.883	43	289106	99.110	ug/L	99
23) Bromochloromethane	4.143	128	104523	48.790	ug/L	97
25) Chloroform	4.272	83	347761	47.495	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	260916	48.524	ug/L	100
29) Cyclohexane	4.577	56	249503	50.574	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	299677	49.103	ug/L	99
31) Carbon tetrachloride	4.732	117	257199	48.237	ug/L	99
33) Benzene	5.005	78	718037	50.021	ug/L	100
34) Trichloroethene	5.831	95	187981	48.284	ug/L	98
35) Methylcyclohexane	6.047	83	273211	48.502	ug/L	99
37) 1,2-Dichloropropane	6.088	63	196966	49.149	ug/L	99
38) Bromodichloromethane	6.429	83	264975	48.965	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	308971	52.090	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	552360	115.417	ug/L	99
42) Toluene	7.313	91	767789	51.041	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	290669	51.049	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	205730	49.159	ug/L	98
46) Tetrachloroethene	7.902	164	148261	48.544	ug/L	97
48) 2-Hexanone	8.079	43	449909	110.585	ug/L	98
49) Dibromochloromethane	8.172	129	212644	49.704	ug/L	97
50) 1,2-Dibromoethane	8.278	107	214407	50.359	ug/L	97
51) Chlorobenzene	8.812	112	515881	48.635	ug/L	99
52) Ethylbenzene	8.944	91	837423	50.947	ug/L	99
53) m,p-Xylene	9.069	106	315568	50.728	ug/L	99
54) o-Xylene	9.474	106	317458	52.189	ug/L	98
55) Styrene	9.493	104	565897	53.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	351996	51.742	ug/L	99
59) Bromoform	9.664	173	171280	49.937	ug/L	99
60) Isopropylbenzene	9.863	105	850703	51.326	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	277373	51.293	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	688820	51.587	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	700282	53.567	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	429529	50.025	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	433313	48.113	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	434114	49.902	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	67796	55.415	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	298835	49.121	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	244383	50.603	ug/L	99
71) Naphthalene	13.435	128	634457	60.219	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	251685	53.484	ug/L	100

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

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