

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029469.D
 Acq On : 08 Dec 2022 13:52
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 02:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	494189	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	462214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	243660	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99548	32.895	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.800%		
7) Chloroethane-d5	1.561	69	91984	39.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.720%		
11) 1,1-Dichloroethene-d2	2.104	63	141304	29.937	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.880%#		
21) 2-Butanone-d5	3.866	46	206031	111.605	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.610%		
24) Chloroform-d	4.339	84	249845	43.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.740%		
26) 1,2-Dichloroethane-d4	5.024	65	156774	48.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.400%		
32) Benzene-d6	5.043	84	521550	42.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.400%		
36) 1,2-Dichloropropane-d6	6.063	67	171040	45.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.700%		
41) Toluene-d8	7.307	98	471026	40.932	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.860%		
43) trans-1,3-Dichloroprop...	7.612	79	80444	42.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.400%		
47) 2-Hexanone-d5	8.082	63	168533	105.793	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.790%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	257100	48.227	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.460%		
66) 1,2-Dichlorobenzene-d4	11.612	152	207696	44.778	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	8195	2.105	ug/L	94
3) Chloromethane	1.240	50	9833	2.216	ug/L	96
5) Vinyl chloride	1.307	62	8014	2.158	ug/L #	65
6) Bromomethane	1.516	94	4519	3.025	ug/L	90
8) Chloroethane	1.580	64	4817	2.330	ug/L	99
9) Trichlorofluoromethane	1.751	101	10431	2.244	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7364	2.851	ug/L #	82
12) 1,1-Dichloroethene	2.114	96	7105	2.690	ug/L #	1
13) Acetone	2.159	43	7528	6.260	ug/L	98
14) Carbon disulfide	2.291	76	18756	2.133	ug/L	98
15) Methyl Acetate	2.429	43	7188	2.623	ug/L	99
16) Methylene chloride	2.500	84	10525	3.205	ug/L	92
17) trans-1,2-Dichloroethene	2.760	96	6566	2.157	ug/L	87
18) Methyl tert-butyl Ether	2.764	73	23356	2.505	ug/L	98
19) 1,1-Dichloroethane	3.185	63	12712	2.438	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	8274	2.472	ug/L	94
22) 2-Butanone	3.982	43	11724m	6.127	ug/L	
23) Bromochloromethane	4.249	128	4168	2.418	ug/L	97
25) Chloroform	4.368	83	14285	2.643	ug/L	95

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27) 1,2-Dichloroethane	5.133	62	9407	2.463	ug/L	96
29) Cyclohexane	4.667	56	11169	2.231	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	10843	2.153	ug/L	94
31) Carbon tetrachloride	4.821	117	9165	2.084	ug/L	99
33) Benzene	5.098	78	29225	2.243	ug/L	100
34) Trichloroethene	5.911	95	7172	2.197	ug/L	98
35) Methylcyclohexane	6.124	83	12774	2.304	ug/L	94
37) 1,2-Dichloropropane	6.172	63	7881	2.506	ug/L	99
38) Bromodichloromethane	6.506	83	9766	2.250	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	11050	2.137	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	18950	5.054	ug/L	96
42) Toluene	7.384	91	32143	2.292	ug/L	95
44) trans-1,3-Dichloropropene	7.648	75	9359	1.911	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	7720	2.376	ug/L	94
46) Tetrachloroethene	7.969	164	6283	2.394	ug/L	90
48) 2-Hexanone	8.140	43	16696	5.829	ug/L	96
49) Dibromochloromethane	8.239	129	7972	2.223	ug/L	99
50) 1,2-Dibromoethane	8.349	107	8110	2.423	ug/L	99
51) Chlorobenzene	8.873	112	20921	2.356	ug/L	95
52) Ethylbenzene	9.005	91	32251	2.188	ug/L	99
53) m,p-Xylene	9.133	106	12870	2.206	ug/L	99
54) o-Xylene	9.535	106	12204	2.114	ug/L	99
55) Styrene	9.558	104	21262	2.120	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.233	83	14152	2.723	ug/L	99
59) Bromoform	9.722	173	5959	2.214	ug/L	94
60) Isopropylbenzene	9.921	105	31909	2.231	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	10249	2.725	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	26765	2.116	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	27601	2.201	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	16450	2.352	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	17923	2.521	ug/L	92
67) 1,2-Dichlorobenzene	11.631	146	17459	2.441	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.413	75	2940	2.515	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	12401	2.228	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	11757	2.375	ug/L	97
71) Naphthalene	13.496	128	24653	2.196	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	11335	2.338	ug/L	97

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

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