

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050124\
 Data File : VW035485.D
 Acq On : 01 May 2024 10:08
 Operator : SY/MD
 Sample : VSTD00547
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005247

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 00:45:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	502641	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	492389	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	233899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20614	5.141	ug/L	0.00
7) Chloroethane-d5	1.529	69	16770	7.007	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	9048	5.462	ug/L	0.00
21) 2-Butanone-d5	3.825	46	23992m	10.874	ug/L	0.03
24) Chloroform-d	4.249	84	36796	5.333	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	21108	5.248	ug/L	0.01
32) Benzene-d6	4.963	84	67812	5.161	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	21720m	5.326	ug/L	0.00
41) Toluene-d8	7.246	98	56227	4.738	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	9893m	5.164	ug/L	0.01
47) 2-Hexanone-d5	8.037	63	15570m	11.541	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.153	84	32861	5.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	24081	5.709	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	17667	4.870	ug/L	98
3) Chloromethane	1.214	50	20108	5.408	ug/L	99
5) Vinyl chloride	1.282	62	19484	4.966	ug/L	96
6) Bromomethane	1.484	94	12507	5.346	ug/L	99
8) Chloroethane	1.545	64	13265	7.277	ug/L	99
9) Trichlorofluoromethane	1.712	101	26928	5.077	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	17148	5.146	ug/L	99
12) 1,1-Dichloroethene	2.066	96	15113	5.099	ug/L	91
13) Acetone	2.121	43	30451	12.458	ug/L	94
14) Carbon disulfide	2.236	76	39090	4.809	ug/L	99
15) Methyl Acetate	2.378	43	19141	5.026	ug/L	96
16) Methylene chloride	2.445	84	19951	5.311	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	15102	4.758	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	48595	4.515	ug/L	97
19) 1,1-Dichloroethane	3.111	63	33151	5.025	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	17136	4.750	ug/L	99
22) 2-Butanone	3.902	43	27366m	9.916	ug/L	
23) Bromochloromethane	4.153	128	10350	5.149	ug/L	95
25) Chloroform	4.275	83	33218	4.866	ug/L	99
27) 1,2-Dichloroethane	5.050	62	23148	4.644	ug/L	95
29) Cyclohexane	4.574	56	18733	4.201	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	27867	4.980	ug/L	99
31) Carbon tetrachloride	4.728	117	24442	5.000	ug/L	98
33) Benzene	5.011	78	63248	4.797	ug/L	100
34) Trichloroethene	5.841	95	17104	4.820	ug/L	98
35) Methylcyclohexane	6.047	83	21585	4.230	ug/L	95
37) 1,2-Dichloropropane	6.095	63	16747	4.559	ug/L #	93
38) Bromodichloromethane	6.436	83	24842	5.000	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	22421	4.060	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	39807m	8.879	ug/L	
42) Toluene	7.317	91	63055	4.582	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	22922	4.366	ug/L	93

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45) 1,1,2-Trichloroethane	7.770	97	19123	4.952	ug/L	93
46) Tetrachloroethene	7.905	164	14682	5.264	ug/L	97
48) 2-Hexanone	8.085	43	35702m	9.430	ug/L	
49) Dibromochloromethane	8.175	129	19320	4.884	ug/L	95
50) 1,2-Dibromoethane	8.288	107	19669	5.004	ug/L #	93
51) Chlorobenzene	8.815	112	47367	4.886	ug/L	99
52) Ethylbenzene	8.947	91	63275	4.216	ug/L	97
53) m,p-Xylene	9.075	106	22223	3.921	ug/L	97
54) o-Xylene	9.477	106	22606	4.056	ug/L	96
55) Styrene	9.500	104	35389	3.685	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	32676	5.149	ug/L	100
59) Bromoform	9.667	173	14256	4.998	ug/L #	97
60) Isopropylbenzene	9.866	105	58077	4.312	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	25519	5.717	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	44059	4.078	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	43017	4.059	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	33924	4.891	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	39292	5.387	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	36075	5.067	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.365	75	7435	6.963	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	25765	5.156	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	22658	5.610	ug/L	98
71) Naphthalene	13.439	128	67446m	7.210	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	24622	6.191	ug/L	99

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

