

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027047.D
 Acq On : 28 Jul 2022 19:10
 Operator : SY/MD
 Sample : VSTD00544
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005244

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/29/2022
 Supervised By :Mahesh Dadoda 08/01/2022

Quant Time: Jul 29 01:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	543350	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	528169	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	252557	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	26829	5.190	ug/L	0.00
7) Chloroethane-d5	1.561	69	21693	5.297	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	46518	5.286	ug/L	0.00
21) 2-Butanone-d5	3.918	46	26309m	8.501	ug/L	0.04
24) Chloroform-d	4.346	84	46835	5.031	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	26024	4.924	ug/L	0.00
32) Benzene-d6	5.050	84	90229	4.865	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	27953	4.924	ug/L	0.00
41) Toluene-d8	7.317	98	76197	4.545	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	10697	4.266	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	18195	7.456	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44310	5.177	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	29640	5.221	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	32804	5.817	ug/L	100
3) Chloromethane	1.237	50	30589	5.932	ug/L	95
5) Vinyl chloride	1.307	62	32375	5.919	ug/L	100
6) Bromomethane	1.516	94	20385	6.069	ug/L	95
8) Chloroethane	1.581	64	19287	6.006	ug/L	99
9) Trichlorofluoromethane	1.748	101	41659	5.937	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	24588	6.070	ug/L	98
12) 1,1-Dichloroethene	2.111	96	23289	5.884	ug/L	91
13) Acetone	2.175	43	27246m	13.421	ug/L	
14) Carbon disulfide	2.288	76	75278	5.995	ug/L	98
15) Methyl Acetate	2.436	43	19525	5.382	ug/L	99
16) Methylene chloride	2.503	84	31932	6.330	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	25368	5.855	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	65069	5.467	ug/L	99
19) 1,1-Dichloroethane	3.185	63	43393	5.735	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	24813	5.538	ug/L	92
22) 2-Butanone	3.999	43	24597m	8.874	ug/L	
23) Bromochloromethane	4.249	128	12942	5.362	ug/L	95
25) Chloroform	4.378	83	47282	5.927	ug/L	94
27) 1,2-Dichloroethane	5.134	62	31311	5.704	ug/L	99
29) Cyclohexane	4.671	56	28802	5.075	ug/L	96
30) 1,1,1-Trichloroethane	4.603	97	39983	5.898	ug/L	99
31) Carbon tetrachloride	4.825	117	34324	5.816	ug/L	100
33) Benzene	5.098	78	94176	5.533	ug/L	100
34) Trichloroethene	5.915	95	25836	5.898	ug/L	98
35) Methylcyclohexane	6.130	83	31638	4.841	ug/L	94
37) 1,2-Dichloropropane	6.175	63	23620	5.545	ug/L #	95
38) Bromodichloromethane	6.513	83	31367	5.544	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	28203	4.615	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	54777	10.166	ug/L	95
42) Toluene	7.391	91	91676	5.224	ug/L	98
44) trans-1,3-Dichloropropene	7.658	75	29036	4.887	ug/L	98

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45) 1,1,2-Trichloroethane	7.841	97	26037	5.709	ug/L	97
46) Tetrachloroethene	7.976	164	20517	5.988	ug/L	96
48) 2-Hexanone	8.146	43	40115	9.447	ug/L	96
49) Dibromochloromethane	8.246	129	25633	5.465	ug/L	96
50) 1,2-Dibromoethane	8.355	107	27052	5.656	ug/L #	99
51) Chlorobenzene	8.883	112	68935	5.824	ug/L	100
52) Ethylbenzene	9.014	91	89529	5.038	ug/L	98
53) m,p-Xylene	9.140	106	33653	4.815	ug/L	98
54) o-Xylene	9.545	106	31742	4.716	ug/L	97
55) Styrene	9.564	104	53608	4.551	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	42090	5.724	ug/L	98
59) Bromoform	9.731	173	16849	5.873	ug/L	100
60) Isopropylbenzene	9.931	105	84561	5.365	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	33475	6.320	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	35023	5.192	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	26422	4.908	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	43087	5.632	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	47713	5.918	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	46191	5.781	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7991	5.754	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	28779	5.546	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	23868	5.374	ug/L	99
71) Naphthalene	13.503	128	77921	5.042	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	25628	5.320	ug/L	99

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

