

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082721\
 Data File : VW021984.D
 Acq On : 27 Aug 2021 18:30
 Operator : SY/MD
 Sample : M3549-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7A1MSD

Manual Integrations
 APPROVED

MMDadoda
 8/30/2021 10:21:20 AM

Quant Time: Aug 28 02:43:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:34:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	383691	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	364577	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	197306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117210	44.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.220%		
7) Chloroethane-d5	1.564	69	94424	45.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.020%		
11) 1,1-Dichloroethene-d2	2.108	63	205190	46.694	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.380%		
21) 2-Butanone-d5	3.876	46	175049	96.060	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.060%		
24) Chloroform-d	4.352	84	229445	47.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
26) 1,2-Dichloroethane-d4	5.034	65	133194	46.673	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.340%		
32) Benzene-d6	5.053	84	459322	46.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.900%		
36) 1,2-Dichloropropane-d6	6.072	67	144542	46.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.960%		
41) Toluene-d8	7.317	98	429330	45.994	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.980%		
43) trans-1,3-Dichloroprop...	7.622	79	68307	46.149	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.300%		
47) 2-Hexanone-d5	8.088	63	128060	107.322	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.320%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	210303	52.803	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.600%		
66) 1,2-Dichlorobenzene-d4	11.628	152	175269	45.186	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	121288	45.987	ug/L	99
3) Chloromethane	1.243	50	130470	46.717	ug/L	99
5) Vinyl chloride	1.310	62	133710	47.502	ug/L	100
6) Bromomethane	1.516	94	78982	46.670	ug/L	100
8) Chloroethane	1.580	64	82429	46.811	ug/L	95
9) Trichlorofluoromethane	1.751	101	191053	47.662	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	110636	47.057	ug/L	100
12) 1,1-Dichloroethene	2.117	96	106454	48.100	ug/L	87
13) Acetone	2.159	43	112265m	73.527	ug/L	
14) Carbon disulfide	2.291	76	319840	47.893	ug/L	100
15) Methyl Acetate	2.426	43	131049	44.074	ug/L	100
16) Methylene chloride	2.506	84	140397	47.348	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	129480	48.386	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	410113	48.228	ug/L	99
19) 1,1-Dichloroethane	3.191	63	229162	48.082	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	143605	48.216	ug/L	100
22) 2-Butanone	3.960	43	187956	87.575	ug/L	99
23) Bromochloromethane	4.249	128	75422	47.550	ug/L	97
25) Chloroform	4.378	83	237589	47.092	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	164853	48.745	ug/L	98
29) Cyclohexane	4.677	56	193585	47.500	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	208316	48.077	ug/L	99
31) Carbon tetrachloride	4.831	117	176424	47.391	ug/L	100
33) Benzene	5.101	78	511080	48.183	ug/L	100
34) Trichloroethene	5.915	95	133913	44.570	ug/L	98
35) Methylcyclohexane	6.133	83	213938	48.707	ug/L	95
37) 1,2-Dichloropropane	6.175	63	129885	47.239	ug/L	99
38) Bromodichloromethane	6.513	83	170416	48.466	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	195800	46.124	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	376776	101.078	ug/L	99
42) Toluene	7.391	91	558087	48.749	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	189978	48.084	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	136657	48.847	ug/L	99
46) Tetrachloroethene	7.979	164	108770	46.558	ug/L	97
48) 2-Hexanone	8.140	43	277656	96.002	ug/L	100
49) Dibromochloromethane	8.249	129	147565	49.277	ug/L	99
50) 1,2-Dibromoethane	8.355	107	148001	49.292	ug/L	96
51) Chlorobenzene	8.882	112	367057	47.688	ug/L	99
52) Ethylbenzene	9.014	91	595897	48.084	ug/L	99
53) m,p-Xylene	9.140	106	229561	47.658	ug/L	99
54) o-Xylene	9.545	106	230353	48.332	ug/L	99
55) Styrene	9.561	104	402219	49.452	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	225994	55.753	ug/L	100
59) Bromoform	9.734	173	105344	50.269	ug/L	100
60) Isopropylbenzene	9.934	105	603624	48.688	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	169504	49.569	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	504681	48.488	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	522463	49.385	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	298800	47.468	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	300926	46.719	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	299861	47.976	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	42320	51.350	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	216335	45.962	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	197187	47.624	ug/L	99
71) Naphthalene	13.503	128	641774	53.883	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	197174	48.823	ug/L	99

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

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