

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021833.D
 Acq On : 17 Aug 2021 22:59
 Operator : SY/MD
 Sample : M3399-16MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKC1MSD

Quant Time: Aug 18 03:37:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	424014	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	392277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	206045	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117372	35.409	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.820%
7) Chloroethane-d5	1.558	69	98619	39.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.840%
11) 1,1-Dichloroethene-d2	2.105	63	190865	36.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.340%
21) 2-Butanone-d5	3.873	46	224486	108.890	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.890%
24) Chloroform-d	4.349	84	261380	45.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
26) 1,2-Dichloroethane-d4	5.034	65	153956	46.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
32) Benzene-d6	5.050	84	494145	43.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.620%
36) 1,2-Dichloropropane-d6	6.069	67	165319	47.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.317	98	434723	41.694	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.380%
43) trans-1,3-Dichloroprop...	7.622	79	76942	44.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.020%
47) 2-Hexanone-d5	8.088	63	136526	118.580	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	239858	55.099	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	198698	46.597	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151171	46.083	ug/L	98
3) Chloromethane	1.240	50	165910	48.701	ug/L	100
5) Vinyl chloride	1.307	62	161683	48.198	ug/L	100
6) Bromomethane	1.507	94	100575	49.881	ug/L	99
8) Chloroethane	1.574	64	98134	48.955	ug/L	99
9) Trichlorofluoromethane	1.748	101	224601	48.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	111030	42.193	ug/L	97
12) 1,1-Dichloroethene	2.114	96	112015	44.690	ug/L	88
13) Acetone	2.159	43	136548	80.496	ug/L #	100
14) Carbon disulfide	2.288	76	413477	49.028	ug/L	100
15) Methyl Acetate	2.426	43	151387	48.578	ug/L	100
16) Methylene chloride	2.503	84	165004	47.328	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	151594	51.542	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	485095	53.629	ug/L	99
19) 1,1-Dichloroethane	3.188	63	271033	51.768	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	169112	49.654	ug/L	96
22) 2-Butanone	3.957	43	235065	95.152	ug/L	99
23) Bromochloromethane	4.246	128	89524	49.544	ug/L	98
25) Chloroform	4.375	83	279180	49.558	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	200874	50.609	ug/L	99
29) Cyclohexane	4.677	56	238955	49.460	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	244306	49.771	ug/L	99
31) Carbon tetrachloride	4.828	117	209594	49.347	ug/L	100
33) Benzene	5.098	78	618543	51.240	ug/L	100
34) Trichloroethene	5.915	95	165511	47.712	ug/L	99
35) Methylcyclohexane	6.133	83	238412	47.108	ug/L	100
37) 1,2-Dichloropropane	6.175	63	157529	51.537	ug/L	100
38) Bromodichloromethane	6.510	83	200135	49.678	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	245424	50.706	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	452388	107.593	ug/L	98
42) Toluene	7.391	91	670486	52.005	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	222512	48.782	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	157683	51.496	ug/L	98
46) Tetrachloroethene	7.979	164	124419	48.261	ug/L	98
48) 2-Hexanone	8.140	43	341672	104.906	ug/L	97
49) Dibromochloromethane	8.249	129	171339	50.680	ug/L	98
50) 1,2-Dibromoethane	8.355	107	171375	51.430	ug/L	99
51) Chlorobenzene	8.883	112	426025	50.609	ug/L	99
52) Ethylbenzene	9.014	91	695325	50.552	ug/L	100
53) m,p-Xylene	9.140	106	267784	50.234	ug/L	99
54) o-Xylene	9.545	106	269667	51.034	ug/L	100
55) Styrene	9.561	104	455109	51.433	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	240487	56.417	ug/L	99
59) Bromoform	9.735	173	123113	50.263	ug/L	100
60) Isopropylbenzene	9.934	105	703146	50.901	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	196463	51.596	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	583459	50.332	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	596207	50.583	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	330465	49.399	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	328184	49.148	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	340491	50.455	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	50168	54.190	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	231976	47.839	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	200066	49.194	ug/L	99
71) Naphthalene	13.503	128	679155	57.490	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	206732	50.601	ug/L	100

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

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