

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021849.D
 Acq On : 18 Aug 2021 05:23
 Operator : SY/MD
 Sample : M3422-25MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKE2MSD

Quant Time: Aug 18 05:44:41 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	406798	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	380170	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	197335	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	105500	33.174	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.340%
7) Chloroethane-d5	1.558	69	93387	38.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.820%
11) 1,1-Dichloroethene-d2	2.105	63	181451	35.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.680%
21) 2-Butanone-d5	3.873	46	217169	109.798	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.800%
24) Chloroform-d	4.349	84	258364	46.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
26) 1,2-Dichloroethane-d4	5.034	65	151232	47.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.440%
32) Benzene-d6	5.050	84	473905	43.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.700%
36) 1,2-Dichloropropane-d6	6.072	67	159777	46.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.860%
41) Toluene-d8	7.317	98	423080	41.870	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.740%
43) trans-1,3-Dichloroprop...	7.622	79	72118	43.043	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.080%
47) 2-Hexanone-d5	8.088	63	130861	117.280	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240723	57.059	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.120%
66) 1,2-Dichlorobenzene-d4	11.625	152	191732	46.948	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	147199	46.772	ug/L	99
3) Chloromethane	1.240	50	163160	49.920	ug/L	100
5) Vinyl chloride	1.307	62	158432	49.228	ug/L	98
6) Bromomethane	1.507	94	99620	51.498	ug/L	98
8) Chloroethane	1.577	64	95852	49.840	ug/L	100
9) Trichlorofluoromethane	1.748	101	219399	49.755	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	113855	45.097	ug/L	99
12) 1,1-Dichloroethene	2.114	96	113432	47.171	ug/L	90
13) Acetone	2.159	43	120861	74.264	ug/L #	100
14) Carbon disulfide	2.291	76	401243	49.591	ug/L	100
15) Methyl Acetate	2.426	43	102943	34.431	ug/L	98
16) Methylene chloride	2.503	84	159349	47.640	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	148071	52.475	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	464176	53.488	ug/L	99
19) 1,1-Dichloroethane	3.188	63	263417	52.443	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	164364	50.302	ug/L	98
22) 2-Butanone	3.957	43	217595	91.808	ug/L	99
23) Bromochloromethane	4.246	128	87627	50.547	ug/L	96
25) Chloroform	4.375	83	269035	49.778	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	189029	49.640	ug/L	100
29) Cyclohexane	4.677	56	231460	49.435	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	236588	49.734	ug/L	99
31) Carbon tetrachloride	4.828	117	203802	49.511	ug/L	100
33) Benzene	5.098	78	597015	51.031	ug/L	100
34) Trichloroethene	5.915	95	156193	46.460	ug/L	98
35) Methylcyclohexane	6.130	83	233358	47.578	ug/L	99
37) 1,2-Dichloropropane	6.175	63	152138	51.358	ug/L	100
38) Bromodichloromethane	6.510	83	197124	50.488	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	228246	48.659	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	434786	106.700	ug/L	99
42) Toluene	7.387	91	638089	51.068	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	210507	47.620	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	152118	51.261	ug/L	99
46) Tetrachloroethene	7.979	164	120525	48.239	ug/L	99
48) 2-Hexanone	8.140	43	323135	102.374	ug/L	99
49) Dibromochloromethane	8.249	129	167221	51.038	ug/L	99
50) 1,2-Dibromoethane	8.352	107	165848	51.356	ug/L	100
51) Chlorobenzene	8.883	112	406708	49.853	ug/L	99
52) Ethylbenzene	9.014	91	674259	50.581	ug/L	99
53) m,p-Xylene	9.140	106	262743	50.858	ug/L	98
54) o-Xylene	9.545	106	259511	50.676	ug/L	99
55) Styrene	9.561	104	442045	51.548	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	236139	57.161	ug/L	99
59) Bromoform	9.735	173	119606	50.987	ug/L	100
60) Isopropylbenzene	9.934	105	676264	51.116	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	188112	51.583	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	564649	50.859	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	578028	51.206	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	321348	50.157	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	316561	49.500	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	327455	50.665	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	46913	52.911	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	223514	48.128	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	193103	49.578	ug/L	99
71) Naphthalene	13.503	128	655831	57.966	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	202802	51.830	ug/L	99

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

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