

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019949.D
 Acq On : 31 Aug 2021 11:25
 Operator : SY/VA
 Sample : M3579-19MS
 Misc : 5.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6C0MS

Quant Time: Sep 01 01:02:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 01 00:59:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	315552	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	303012	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	154545	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	94636	19.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.440%
7) Chloroethane-d5	2.898	69	94688	22.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.240%
11) 1,1-Dichloroethene-d2	4.032	63	153546	18.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.400%
21) 2-Butanone-d5	7.092	46	42768	43.065	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.140%
24) Chloroform-d	7.653	84	188379	21.707	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.840%
26) 1,2-Dichloroethane-d4	8.311	65	100731	21.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.160%
32) Benzene-d6	8.281	84	352471	20.401	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	9.281	67	111863	21.381	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.520%
41) Toluene-d8	10.323	98	323444	20.429	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	10.579	79	46817	21.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.640%
47) 2-Hexanone-d5	10.927	63	32891	45.127	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.260%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98381	23.103	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	106842	20.154	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	58399	18.885	ug/L	97
3) Chloromethane	2.221	50	66716	17.336	ug/L	94
5) Vinyl chloride	2.373	62	129527	22.695	ug/L	98
6) Bromomethane	2.794	94	90132	21.282	ug/L	99
8) Chloroethane	2.934	64	88649	23.694	ug/L	97
9) Trichlorofluoromethane	3.270	101	64107	17.463	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	95339	21.880	ug/L	97
12) 1,1-Dichloroethene	4.050	96	86497	20.243	ug/L	98
13) Acetone	4.154	43	31598	37.272	ug/L	91
14) Carbon disulfide	4.397	76	264362	19.343	ug/L	99
15) Methyl Acetate	4.684	43	34800	19.720	ug/L	99
16) Methylene chloride	4.922	84	102567	18.938	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	93502	20.830	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	117931	22.824	ug/L	96
19) 1,1-Dichloroethane	6.226	63	170631	21.445	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	98243	21.623	ug/L	98
22) 2-Butanone	7.183	43	45898	41.779	ug/L	99
23) Bromochloromethane	7.519	128	46223	22.732	ug/L	93
25) Chloroform	7.683	83	182394	22.157	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	116265	21.651	ug/L	98
29) Cyclohexane	7.964	56	143090	20.109	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	141436	20.885	ug/L	99
31) Carbon tetrachloride	8.074	117	131353	20.807	ug/L	100
33) Benzene	8.330	78	404891	21.772	ug/L	100
34) Trichloroethene	9.092	95	98076	20.286	ug/L	95
35) Methylcyclohexane	9.342	83	159538	19.239	ug/L	99
37) 1,2-Dichloropropane	9.372	63	100269	21.770	ug/L	99
38) Bromodichloromethane	9.646	83	128580	21.550	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	146852	21.651	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	107072	43.718	ug/L	98
42) Toluene	10.390	91	447600	22.721	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	132174	22.139	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	76399	22.912	ug/L	98
46) Tetrachloroethene	10.866	164	80526	21.988	ug/L	95
48) 2-Hexanone	10.969	43	76298	44.753	ug/L	97
49) Dibromochloromethane	11.128	129	84723	22.212	ug/L	90
50) 1,2-Dibromoethane	11.238	107	68210	21.779	ug/L	99
51) Chlorobenzene	11.658	112	267066	21.345	ug/L	97
52) Ethylbenzene	11.731	91	463868	21.871	ug/L	96
53) m,p-Xylene	11.841	106	176226	21.637	ug/L	98
54) o-Xylene	12.170	106	168944	21.928	ug/L	96
55) Styrene	12.183	104	293940	22.328	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	90406	22.109	ug/L	99
59) Bromoform	12.347	173	43013	20.962	ug/L	95
60) Isopropylbenzene	12.463	105	435392	20.792	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	65402	21.584	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	349497	20.911	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	362043	21.370	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	188135	20.151	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	194054	20.222	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	172914	20.396	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	13397	20.282	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	118965	18.493	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	90744	18.358	ug/L	99
71) Naphthalene	15.365	128	206973	20.994	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	83621	18.269	ug/L	98

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

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