

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020619.D
 Acq On : 19 Oct 2021 20:47
 Operator : SY/VA
 Sample : M4263-19MSD
 Misc : 4.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7G2MSD

Quant Time: Oct 20 05:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 20 02:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	187027	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	159713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	59674	21.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
7) Chloroethane-d5	2.873	69	31837	22.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	4.019	63	128441	23.033	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.120%
21) 2-Butanone-d5	7.080	46	53221	64.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.520%
24) Chloroform-d	7.647	84	158271	26.548	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	8.305	65	92379	27.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.520%
32) Benzene-d6	8.275	84	290465	27.648	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.600%
36) 1,2-Dichloropropane-d6	9.275	67	97693	28.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.120%
41) Toluene-d8	10.323	98	248060	26.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.280%
43) trans-1,3-Dichloroprop...	10.579	79	39025	28.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.200%
47) 2-Hexanone-d5	10.921	63	39146	74.321	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.640%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	78656	30.391	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.560%#
66) 1,2-Dichlorobenzene-d4	13.853	152	59024	24.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	35223	29.144	ug/L	97
3) Chloromethane	2.209	50	63599	25.309	ug/L	98
5) Vinyl chloride	2.355	62	76749	21.714	ug/L	98
6) Bromomethane	2.770	94	29655	19.317	ug/L	98
8) Chloroethane	2.916	64	26270	20.129	ug/L	99
9) Trichlorofluoromethane	3.251	101	26051	12.954	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	66403	23.153	ug/L	98
12) 1,1-Dichloroethene	4.038	96	59974	22.807	ug/L	93
13) Acetone	4.123	43	55726	73.286	ug/L	99
14) Carbon disulfide	4.379	76	172022	20.112	ug/L	100
15) Methyl Acetate	4.672	43	33682	23.853	ug/L	98
16) Methylene chloride	4.909	84	69912	19.229	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	64230	23.281	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	112847	29.032	ug/L	99
19) 1,1-Dichloroethane	6.214	63	141576	25.032	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	72673	25.342	ug/L	98
22) 2-Butanone	7.171	43	52607	55.270	ug/L	98
23) Bromochloromethane	7.513	128	31657	25.170	ug/L	94
25) Chloroform	7.671	83	139914	25.446	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	97888	26.029	ug/L	98
29) Cyclohexane	7.952	56	117596	25.149	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	105466	26.581	ug/L	100
31) Carbon tetrachloride	8.067	117	90377	25.908	ug/L	99
33) Benzene	8.323	78	310529	27.297	ug/L	100
34) Trichloroethene	9.092	95	70177	25.041	ug/L	99
35) Methylcyclohexane	9.335	83	107581	22.432	ug/L	99
37) 1,2-Dichloropropane	9.372	63	81801	27.768	ug/L	99
38) Bromodichloromethane	9.646	83	99132	28.066	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	113940	28.033	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	116485	65.880	ug/L	99
42) Toluene	10.390	91	305926	26.811	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	100978	28.182	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	52986	28.013	ug/L	97
46) Tetrachloroethene	10.860	164	47189	23.442	ug/L	98
48) 2-Hexanone	10.969	43	82900	63.903	ug/L	100
49) Dibromochloromethane	11.128	129	59736	28.666	ug/L	95
50) 1,2-Dibromoethane	11.238	107	48074	27.670	ug/L	99
51) Chlorobenzene	11.658	112	166924	23.723	ug/L	99
52) Ethylbenzene	11.731	91	310125	25.064	ug/L	99
53) m,p-Xylene	11.835	106	111380	24.295	ug/L	95
54) o-Xylene	12.164	106	107653	25.426	ug/L	99
55) Styrene	12.176	104	165825	22.400	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	65441	27.909	ug/L	98
59) Bromoform	12.347	173	29711	34.477	ug/L	94
60) Isopropylbenzene	12.463	105	285708	31.644	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	49231	36.327	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	218505	29.641	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	209506	28.692	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	88961	22.772	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	92497	22.891	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	86919	24.285	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	10365	36.007	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	44069	15.820	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	27850	12.626	ug/L	99
71) Naphthalene	15.365	128	43428	10.951	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	24570	12.683	ug/L	99

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

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