

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020575.D
 Acq On : 18 Oct 2021 20:59
 Operator : SY/VA
 Sample : M4212-09MSD
 Misc : 4.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE9MSD

Quant Time: Oct 19 07:52:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 07:51:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	208500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	201160	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	101434	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	63790	21.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
7) Chloroethane-d5	2.879	69	32829	20.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.920%
11) 1,1-Dichloroethene-d2	4.013	63	130907	21.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.240%
21) 2-Butanone-d5	7.080	46	45776	49.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.160%
24) Chloroform-d	7.647	84	158395	23.832	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	8.305	65	89176	23.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.960%
32) Benzene-d6	8.275	84	291156	22.004	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	9.274	67	97584	22.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.520%
41) Toluene-d8	10.323	98	263522	22.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	10.579	79	38828	22.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.926	63	29239	44.074	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	74821	22.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	86022	21.679	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	39353	29.208	ug/L	98
3) Chloromethane	2.215	50	63394	22.629	ug/L	95
5) Vinyl chloride	2.355	62	84218	21.374	ug/L	98
6) Bromomethane	2.769	94	32947	19.252	ug/L	99
8) Chloroethane	2.916	64	29595	20.341	ug/L	93
9) Trichlorofluoromethane	3.251	101	34590	15.429	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	71158	22.256	ug/L	98
12) 1,1-Dichloroethene	4.037	96	64964	22.161	ug/L	97
13) Acetone	4.129	43	35101	41.408	ug/L	99
14) Carbon disulfide	4.379	76	189344	19.857	ug/L	99
15) Methyl Acetate	4.672	43	34228	21.743	ug/L	100
16) Methylene chloride	4.915	84	85095	20.995	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	68687	22.332	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	104428	24.099	ug/L	99
19) 1,1-Dichloroethane	6.214	63	146813	23.284	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	76128	23.813	ug/L	99
22) 2-Butanone	7.177	43	45287	42.679	ug/L	99
23) Bromochloromethane	7.512	128	32063	22.867	ug/L	94
25) Chloroform	7.677	83	143997	23.492	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	99797	23.804	ug/L	100
29) Cyclohexane	7.957	56	131106	22.262	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	111489	22.310	ug/L	98
31) Carbon tetrachloride	8.073	117	94244	21.450	ug/L	99
33) Benzene	8.323	78	318549	22.233	ug/L	100
34) Trichloroethene	9.091	95	76445	21.657	ug/L	96
35) Methylcyclohexane	9.335	83	128507	21.274	ug/L	99
37) 1,2-Dichloropropane	9.372	63	85140	22.946	ug/L	99
38) Bromodichloromethane	9.646	83	102873	23.125	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	117211	22.896	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	104925	47.115	ug/L	99
42) Toluene	10.390	91	335118	23.318	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	105188	23.308	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	54654	22.941	ug/L	99
46) Tetrachloroethene	10.866	164	55475	21.880	ug/L	94
48) 2-Hexanone	10.969	43	66367	40.618	ug/L	99
49) Dibromochloromethane	11.128	129	61321	23.364	ug/L	95
50) 1,2-Dibromoethane	11.237	107	49482	22.613	ug/L #	99
51) Chlorobenzene	11.658	112	192643	21.738	ug/L	95
52) Ethylbenzene	11.731	91	362908	23.287	ug/L	98
53) m,p-Xylene	11.841	106	133572	23.132	ug/L	98
54) o-Xylene	12.164	106	126224	23.670	ug/L	96
55) Styrene	12.182	104	224057	24.030	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	66350	22.466	ug/L	100
59) Bromoform	12.353	173	32538	22.898	ug/L	96
60) Isopropylbenzene	12.463	105	341014	22.905	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	50226	22.476	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	291088	23.947	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	291183	24.184	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	142008	22.045	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	144832	21.737	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	132172	22.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	10779	22.709	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	100996	21.987	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	78173	21.493	ug/L	98
71) Naphthalene	15.365	128	151932	23.234	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	69491	21.753	ug/L	98

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

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