

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102021\
 Data File : VW020644.D
 Acq On : 20 Oct 2021 11:00
 Operator : SY/VA
 Sample : M4264-08MS
 Misc : 4.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7H2MS

Quant Time: Oct 21 01:10:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 01:08:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	154391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	149642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	75524	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43673	19.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.760%
7) Chloroethane-d5	2.873	69	19526	16.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.800%
11) 1,1-Dichloroethene-d2	4.013	63	99359	21.584	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.320%
21) 2-Butanone-d5	7.080	46	27505	40.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.460%
24) Chloroform-d	7.647	84	112472	22.854	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	8.305	65	63245	22.501	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	8.275	84	217419	22.088	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.360%
36) 1,2-Dichloropropane-d6	9.274	67	69531	21.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	10.323	98	202898	22.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.880%
43) trans-1,3-Dichloroprop...	10.579	79	28409	21.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.160%
47) 2-Hexanone-d5	10.927	63	21221	43.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	51164	21.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	67218	22.752	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9995	10.018	ug/L	99
3) Chloromethane	2.215	50	46088	22.217	ug/L	97
5) Vinyl chloride	2.355	62	48896	16.758	ug/L	99
6) Bromomethane	2.751	94	15471	12.208	ug/L	100
8) Chloroethane	2.910	64	15223	14.130	ug/L	92
9) Trichlorofluoromethane	3.251	101	29904	18.014	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	48504	20.487	ug/L	98
12) 1,1-Dichloroethene	4.038	96	41156	18.959	ug/L	94
13) Acetone	4.123	43	23611	37.615	ug/L	99
14) Carbon disulfide	4.379	76	124390	17.617	ug/L	98
15) Methyl Acetate	4.678	43	28131	24.133	ug/L	98
16) Methylene chloride	4.909	84	49054	16.344	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	44299	19.451	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	74075	23.086	ug/L	99
19) 1,1-Dichloroethane	6.220	63	96031	20.568	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	48987	20.694	ug/L	100
22) 2-Butanone	7.171	43	27768	35.340	ug/L	98
23) Bromochloromethane	7.519	128	21381	20.593	ug/L	98
25) Chloroform	7.677	83	95440	21.027	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	65231	21.012	ug/L	100
29) Cyclohexane	7.958	56	81168	18.527	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	76982	20.708	ug/L	99
31) Carbon tetrachloride	8.073	117	66713	20.411	ug/L	99
33) Benzene	8.323	78	221645	20.795	ug/L	100
34) Trichloroethene	9.091	95	50577	19.262	ug/L	98
35) Methylcyclohexane	9.335	83	83944	18.681	ug/L	97
37) 1,2-Dichloropropane	9.366	63	56563	20.493	ug/L	100
38) Bromodichloromethane	9.646	83	67221	20.313	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	78658	20.655	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	67541	40.770	ug/L	98
42) Toluene	10.390	91	224481	20.997	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	69144	20.596	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	35509	20.037	ug/L	99
46) Tetrachloroethene	10.866	164	37148	19.696	ug/L	94
48) 2-Hexanone	10.969	43	47138	38.782	ug/L	100
49) Dibromochloromethane	11.128	129	40634	20.812	ug/L	97
50) 1,2-Dibromoethane	11.237	107	31683	19.463	ug/L	97
51) Chlorobenzene	11.658	112	131519	19.950	ug/L	98
52) Ethylbenzene	11.731	91	239872	20.691	ug/L	98
53) m,p-Xylene	11.841	106	90379	21.040	ug/L	100
54) o-Xylene	12.164	106	84936	21.411	ug/L	96
55) Styrene	12.182	104	151771	21.881	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	43940	20.000	ug/L	99
59) Bromoform	12.347	173	20731	19.594	ug/L	100
60) Isopropylbenzene	12.463	105	228080	20.576	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	32504	19.536	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	195300	21.579	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	198440	22.136	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	101758	21.216	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	103869	20.937	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	95893	21.823	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6900	19.524	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	71441	20.889	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	57577	21.261	ug/L	97
71) Naphthalene	15.365	128	101408	20.828	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	50347	21.168	ug/L	97

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

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