

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020553.D
 Acq On : 18 Oct 2021 11:18
 Operator : SY/VA
 Sample : M4213-03MSDRE
 Misc : 3.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE3MSDRE

Quant Time: Oct 19 05:42:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	188656	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	163227	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	68166	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	73090	26.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.520%
7) Chloroethane-d5	2.879	69	45691	31.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.040%
11) 1,1-Dichloroethene-d2	4.013	63	140435	24.966	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.880%
21) 2-Butanone-d5	7.080	46	38229	45.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.520%
24) Chloroform-d	7.653	84	166273	27.649	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	8.305	65	89007	25.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.640%
32) Benzene-d6	8.275	84	309034	28.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.120%
36) 1,2-Dichloropropane-d6	9.274	67	101238	28.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.720%
41) Toluene-d8	10.323	98	269115	27.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.720%
43) trans-1,3-Dichloroprop...	10.579	79	37656	26.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.920%
47) 2-Hexanone-d5	10.927	63	27358	50.822	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	65546	24.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	67159	25.186	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	31590	25.912	ug/L	95
3) Chloromethane	2.215	50	59528	23.484	ug/L	98
5) Vinyl chloride	2.355	62	81381	22.826	ug/L	98
6) Bromomethane	2.770	94	35672	23.036	ug/L	96
8) Chloroethane	2.916	64	34402	26.132	ug/L	99
9) Trichlorofluoromethane	3.251	101	36209	17.850	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	62378	21.562	ug/L	99
12) 1,1-Dichloroethene	4.038	96	60245	22.713	ug/L	89
13) Acetone	4.129	43	35907	46.814	ug/L	97
14) Carbon disulfide	4.379	76	169009	19.589	ug/L	99
15) Methyl Acetate	4.672	43	26695	18.741	ug/L	99
16) Methylene chloride	4.922	84	67991	18.539	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	61940	22.257	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	88343	22.532	ug/L	100
19) 1,1-Dichloroethane	6.220	63	134538	23.582	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	66615	23.029	ug/L	99
22) 2-Butanone	7.177	43	40692	42.382	ug/L	97
23) Bromochloromethane	7.519	128	28618	22.557	ug/L	96
25) Chloroform	7.677	83	131418	23.695	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	84768	22.346	ug/L	100
29) Cyclohexane	7.958	56	99307	20.781	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	99675	24.581	ug/L	99
31) Carbon tetrachloride	8.067	117	84430	23.682	ug/L	100
33) Benzene	8.323	78	287165	24.700	ug/L	100
34) Trichloroethene	9.092	95	67235	23.474	ug/L	95
35) Methylcyclohexane	9.335	83	79262	16.171	ug/L	98
37) 1,2-Dichloropropane	9.372	63	74258	24.664	ug/L	99
38) Bromodichloromethane	9.646	83	89142	24.695	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	102861	24.762	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	80869	44.752	ug/L	99
42) Toluene	10.390	91	285131	24.451	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	88121	24.064	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	44722	23.135	ug/L	98
46) Tetrachloroethene	10.866	164	44318	21.542	ug/L	93
48) 2-Hexanone	10.969	43	62645	47.250	ug/L	99
49) Dibromochloromethane	11.128	129	50561	23.741	ug/L	92
50) 1,2-Dibromoethane	11.238	107	38393	21.622	ug/L	97
51) Chlorobenzene	11.658	112	160000	22.250	ug/L	99
52) Ethylbenzene	11.731	91	290574	22.978	ug/L	98
53) m,p-Xylene	11.841	106	107140	22.867	ug/L	98
54) o-Xylene	12.164	106	100638	23.258	ug/L	90
55) Styrene	12.182	104	174712	23.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	49655	20.721	ug/L	100
59) Bromoform	12.347	173	25065	26.248	ug/L	99
60) Isopropylbenzene	12.463	105	253911	25.378	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	38330	25.524	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	201380	24.653	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	202078	24.974	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	95528	22.067	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	96787	21.616	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	88141	22.224	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	7784	24.403	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	48672	15.768	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	33824	13.838	ug/L	98
71) Naphthalene	15.365	128	71649	16.304	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	30380	14.152	ug/L	100

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

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