

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020543.D
 Acq On : 15 Oct 2021 18:59
 Operator : SY/VA
 Sample : M4213-02MS
 Misc : 3.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE3MS

Quant Time: Oct 16 06:58:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 16 06:56:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	181975	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	138437	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	40757	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	65434	24.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.840%
7) Chloroethane-d5	2.873	69	40024	28.615	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.440%
11) 1,1-Dichloroethene-d2	4.019	63	131455	24.228	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.920%
21) 2-Butanone-d5	7.080	46	28482	35.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.680%
24) Chloroform-d	7.647	84	147955	25.507	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.040%
26) 1,2-Dichloroethane-d4	8.305	65	79324	23.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.760%
32) Benzene-d6	8.275	84	274469	30.141	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.560%
36) 1,2-Dichloropropane-d6	9.275	67	89138	30.035	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.120%#
41) Toluene-d8	10.323	98	227678	27.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.480%
43) trans-1,3-Dichloroprop...	10.579	79	29220	24.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.920%
47) 2-Hexanone-d5	10.927	63	19777	43.318	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.640%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	50341	22.440	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	34160	21.426	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	32551	27.681	ug/L	100
3) Chloromethane	2.209	50	64673	26.450	ug/L	97
5) Vinyl chloride	2.355	62	85703	24.921	ug/L	99
6) Bromomethane	2.770	94	32807	21.964	ug/L	95
8) Chloroethane	2.910	64	35768	28.167	ug/L	96
9) Trichlorofluoromethane	3.251	101	49498	25.297	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	64407	23.080	ug/L	100
12) 1,1-Dichloroethene	4.038	96	64059	25.037	ug/L	98
13) Acetone	4.129	43	40711	55.026	ug/L	98
14) Carbon disulfide	4.379	76	141051	16.949	ug/L	100
15) Methyl Acetate	4.678	43	26424	19.232	ug/L	98
16) Methylene chloride	4.916	84	91180	25.775	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	63909	23.807	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	98880	26.145	ug/L	99
19) 1,1-Dichloroethane	6.220	63	147259	26.759	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	70058	25.109	ug/L	94
22) 2-Butanone	7.177	43	46688	50.413	ug/L	96
23) Bromochloromethane	7.513	128	29813	24.362	ug/L	93
25) Chloroform	7.677	83	140507	26.264	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	91023	24.876	ug/L	99
29) Cyclohexane	7.958	56	99961	24.663	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	108698	31.606	ug/L	99
31) Carbon tetrachloride	8.067	117	87774	29.029	ug/L	98
33) Benzene	8.324	78	307197	31.155	ug/L	100
34) Trichloroethene	9.092	95	67457	27.769	ug/L	99
35) Methylcyclohexane	9.336	83	70036	16.847	ug/L	97
37) 1,2-Dichloropropane	9.372	63	78868	30.886	ug/L	99
38) Bromodichloromethane	9.646	83	91419	29.861	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	93475	26.533	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	86858	56.673	ug/L	99
42) Toluene	10.390	91	290704	29.393	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	79451	25.582	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	45684	27.864	ug/L	96
46) Tetrachloroethene	10.866	164	41907	24.018	ug/L	95
48) 2-Hexanone	10.969	43	69160	61.505	ug/L	94
49) Dibromochloromethane	11.128	129	47439	26.264	ug/L	100
50) 1,2-Dibromoethane	11.238	107	39226	26.047	ug/L	95
51) Chlorobenzene	11.658	112	142353	23.341	ug/L	97
52) Ethylbenzene	11.731	91	272790	25.435	ug/L	99
53) m,p-Xylene	11.841	106	97360	24.500	ug/L	100
54) o-Xylene	12.164	106	91723	24.993	ug/L	99
55) Styrene	12.183	104	142383	22.189	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	46205	22.734	ug/L	98
59) Bromoform	12.347	173	21690	37.988	ug/L	100
60) Isopropylbenzene	12.463	105	219876	36.756	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	36870	41.063	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	156659	32.075	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	151941	31.406	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	60699	23.451	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	61304	22.898	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	54416	22.948	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6389	33.499	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	23575	12.773	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	13413	9.178	ug/L	100
71) Naphthalene	15.365	128	27656	10.525	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10488	8.171	ug/L	98

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

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