

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040522\
 Data File : VW022399.D
 Acq On : 05 Apr 2022 17:03
 Operator : SY/VA
 Sample : N2262-02MS
 Misc : 6.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW6K7MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/06/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 06 02:14:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 06 02:13:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	168167	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	182679	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	102435	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	90444	32.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 131.280%	
7) Chloroethane-d5	2.891	69	70959	43.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 172.520%#	
11) 1,1-Dichloroethene-d2	4.025	63	88610	21.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 86.680%	
21) 2-Butanone-d5	7.074	46	46259	68.690	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 137.380%#	
24) Chloroform-d	7.647	84	120467	25.692	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.760%	
26) 1,2-Dichloroethane-d4	8.305	65	81513	29.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 117.600%	
32) Benzene-d6	8.275	84	244615	24.385	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.520%	
36) 1,2-Dichloropropane-d6	9.268	67	73950	24.554	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.200%	
41) Toluene-d8	10.323	98	253728	26.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.360%	
43) trans-1,3-Dichloroprop...	10.579	79	40471	26.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.880%	
47) 2-Hexanone-d5	10.920	63	42981	69.670	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 139.340%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91136	35.870	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 143.480%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	92089	27.848	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 111.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	11433	12.918	ug/L	94
3) Chloromethane	2.221	50	34894	17.067	ug/L	97
5) Vinyl chloride	2.361	62	86032	25.756	ug/L	91
6) Bromomethane	2.776	94	54445	31.652	ug/L	95
8) Chloroethane	2.922	64	44676	32.161	ug/L	98
9) Trichlorofluoromethane	3.257	101	21848	22.090	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	43404	19.202	ug/L	93
12) 1,1-Dichloroethene	4.044	96	40662	19.193	ug/L	74
13) Acetone	4.123	43	27277	59.149	ug/L	92
14) Carbon disulfide	4.385	76	123975	18.548	ug/L	100
15) Methyl Acetate	4.672	43	25873	21.507	ug/L	93
16) Methylene chloride	4.922	84	47775	18.972	ug/L	83
17) trans-1,2-Dichloroethene	5.421	96	47070	18.758	ug/L	92
18) Methyl tert-butyl Ether	5.421	73	88459	20.225	ug/L #	93
19) 1,1-Dichloroethane	6.214	63	83289	18.075	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	52392m	19.605	ug/L	
22) 2-Butanone	7.171	43	39390	54.151	ug/L	91
23) Bromochloromethane	7.513	128	25345	21.620	ug/L #	79
25) Chloroform	7.677	83	91198	19.388	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	72978	20.663	ug/L	99
29) Cyclohexane	7.958	56	79513	15.988	ug/L	92
30) 1,1,1-Trichloroethane	7.872	97	78070	17.335	ug/L	94
31) Carbon tetrachloride	8.073	117	68093	16.786	ug/L	99
33) Benzene	8.323	78	216507	18.463	ug/L	100
34) Trichloroethene	9.091	95	56389	18.513	ug/L	93
35) Methylcyclohexane	9.335	83	90432	16.865	ug/L	95
37) 1,2-Dichloropropane	9.366	63	52973	18.229	ug/L	100
38) Bromodichloromethane	9.646	83	73524	18.141	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	89410	18.817	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	92545	45.289	ug/L	92
42) Toluene	10.384	91	265234	20.336	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	87419	19.865	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	49008	22.550	ug/L	93
46) Tetrachloroethene	10.866	164	45142	20.668	ug/L	93
48) 2-Hexanone	10.963	43	74305	51.508	ug/L #	95
49) Dibromochloromethane	11.128	129	58631	21.791	ug/L	95
50) 1,2-Dibromoethane	11.237	107	49996	22.651	ug/L #	97
51) Chlorobenzene	11.652	112	166314	20.624	ug/L #	90
52) Ethylbenzene	11.731	91	293590	20.295	ug/L	97
53) m,p-Xylene	11.835	106	115695	20.953	ug/L	89
54) o-Xylene	12.164	106	112224	20.982	ug/L	82
55) Styrene	12.182	104	191915	20.658	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	68832	24.732	ug/L #	94
59) Bromoform	12.347	173	34512	22.612	ug/L #	95
60) Isopropylbenzene	12.463	105	303685	19.738	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	52897	23.761	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	162603	18.954	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	241775	18.778	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	127467	20.902	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	128631	20.101	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	119280	21.261	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	11783	20.538	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	76843	18.605	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	65760	19.419	ug/L	98
71) Naphthalene	15.359	128	173781	22.137	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	56825	19.159	ug/L	95

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

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