

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027213.D
 Acq On : 04 Oct 2023 12:05
 Operator : SY/MD
 Sample : 04707-02MSRE
 Misc : 5.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY1A2MSRE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

Quant Time: Oct 04 22:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	110135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	108885	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	57008	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	46885	27.095	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.360%	
7) Chloroethane-d5	2.893	69	40912	29.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.640%	
11) 1,1-Dichloroethene-d2	4.021	65	19832	27.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.360%#	
21) 2-Butanone-d5	7.081	46	17938	50.145	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.300%	
24) Chloroform-d	7.655	84	90112	27.956	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.840%	
26) 1,2-Dichloroethane-d4	8.307	65	45899	29.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 118.840%	
32) Benzene-d6	8.276	84	179468	26.894	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.560%	
36) 1,2-Dichloropropane-d6	9.276	67	54464	27.262	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 109.040%	
41) Toluene-d8	10.325	98	149951	25.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.840%	
43) trans-1,3-Dichloroprop...	10.575	79	20856	26.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.400%	
47) 2-Hexanone-d5	10.928	63	6198	20.281	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 40.560%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	42048	27.501	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.000%	
66) 1,2-Dichlorobenzene-d4	13.849	152	50248	26.288	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	29335	20.499	ug/L	91
3) Chloromethane	2.223	50	27433	14.201	ug/L	94
5) Vinyl chloride	2.369	62	32494	15.407	ug/L	96
6) Bromomethane	2.790	94	23810	17.136	ug/L	85
8) Chloroethane	2.924	64	21994	17.183	ug/L	94
9) Trichlorofluoromethane	3.271	101	50722	28.615	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	28795	16.146	ug/L #	78
12) 1,1-Dichloroethene	4.039	96	25630	15.042	ug/L #	56
13) Acetone	4.125	43	18599	42.076	ug/L	81
14) Carbon disulfide	4.387	76	81628	14.274	ug/L	99
15) Methyl Acetate	4.692	43	11223m	15.148	ug/L	
16) Methylene chloride	4.917	84	33727	15.644	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	26924	14.686	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	50853m	22.166	ug/L	
19) 1,1-Dichloroethane	6.222	63	50480	14.765	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	28171	14.416	ug/L	95
22) 2-Butanone	7.179	43	17227	31.511	ug/L	91
23) Bromochloromethane	7.514	128	13847	15.529	ug/L #	88
25) Chloroform	7.679	83	53175	15.947	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	33770	16.532	ug/L	98
29) Cyclohexane	7.965	56	36139	12.475	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	47414	17.517	ug/L	99
31) Carbon tetrachloride	8.069	117	43246	16.916	ug/L	96
33) Benzene	8.325	78	112493	14.617	ug/L	100
34) Trichloroethene	9.087	95	29180	14.520	ug/L	93
35) Methylcyclohexane	9.331	83	41103	12.160	ug/L	98
37) 1,2-Dichloropropane	9.374	63	28933	14.591	ug/L	99
38) Bromodichloromethane	9.642	83	35666	14.975	ug/L #	94
39) cis-1,3-Dichloropropene	10.075	75	39487	13.515	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	18436	19.164	ug/L	98
42) Toluene	10.386	91	109012	13.793	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	34119	14.248	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	21758	15.162	ug/L	98
46) Tetrachloroethene	10.867	164	23518	14.887	ug/L	94
48) 2-Hexanone	10.971	43	9831	13.035	ug/L	98
49) Dibromochloromethane	11.130	129	24332	15.634	ug/L	96
50) 1,2-Dibromoethane	11.233	107	18753	14.083	ug/L	97
51) Chlorobenzene	11.654	112	70517	13.446	ug/L	98
52) Ethylbenzene	11.727	91	112676	12.691	ug/L	98
53) m,p-Xylene	11.837	106	43916	12.899	ug/L	97
54) o-Xylene	12.166	106	39319	12.363	ug/L	100
55) Styrene	12.178	104	69479	12.691	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	24935	14.486	ug/L #	95
59) Bromoform	12.343	173	13920	15.463	ug/L #	96
60) Isopropylbenzene	12.465	105	114918	13.690	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	17756	15.213	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	81259	12.346	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	80021	12.407	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	51258	13.230	ug/L	85
65) 1,4-Dichlorobenzene	13.580	146	51337	13.188	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	48090	14.161	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	14.483	75	3198	12.792	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	32687	13.102	ug/L	91
70) 1,2,4-trichlorobenzene	15.129	180	22652	11.508	ug/L	97
71) Naphthalene	15.360	128	25704	7.401	ug/L	97
72) 1,2,3-Trichlorobenzene	15.543	180	16670	9.541	ug/L	95

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

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