

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022222\
 Data File : VW022097.D
 Acq On : 22 Feb 2022 13:45
 Operator : SY/VA
 Sample : N1631-03MS
 Misc : 5.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRG2MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 04:34:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	130360	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	124538	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70586	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	38437	24.478	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.920%		
7) Chloroethane-d5	2.873	69	33700	27.877	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	111.520%		
11) 1,1-Dichloroethene-d2	4.019	63	53760	19.378	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.520%		
21) 2-Butanone-d5	7.086	46	16390m	58.848	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.700%		
24) Chloroform-d	7.647	84	69952	23.064	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.240%		
26) 1,2-Dichloroethane-d4	8.305	65	36549	24.222	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.880%		
32) Benzene-d6	8.275	84	127736	20.297	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.200%		
36) 1,2-Dichloropropane-d6	9.274	67	37425	21.862	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.440%		
41) Toluene-d8	10.323	98	125552	20.129	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.520%		
43) trans-1,3-Dichloroprop...	10.579	79	16327	21.777	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.120%		
47) 2-Hexanone-d5	10.927	63	15501	62.283	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.560%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	38113	27.298	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	109.200%		
66) 1,2-Dichlorobenzene-d4	13.847	152	51076	20.058	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	12349	40.669	ug/L	98
3) Chloromethane	2.209	50	37633	27.470	ug/L	100
5) Vinyl chloride	2.355	62	54031	27.459	ug/L	97
6) Bromomethane	2.776	94	41765	24.961	ug/L	100
8) Chloroethane	2.916	64	29832	29.504	ug/L	99
9) Trichlorofluoromethane	3.251	101	30017	20.207	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	38456	24.434	ug/L	97
12) 1,1-Dichloroethene	4.038	96	33002	22.722	ug/L	90
13) Acetone	4.147	43	10571	40.640	ug/L	94
14) Carbon disulfide	4.379	76	83234	19.646	ug/L	99
15) Methyl Acetate	4.678	43	13540	28.466	ug/L	100
16) Methylene chloride	4.909	84	37038	24.383	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	36985	22.835	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	54452	26.220	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	62349	24.846	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	40882	24.597	ug/L	95
22) 2-Butanone	7.183	43	17297	51.360	ug/L	99
23) Bromochloromethane	7.513	128	20454	24.993	ug/L	94
25) Chloroform	7.671	83	73027	25.710	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	45642	27.298	ug/L	96
29) Cyclohexane	7.958	56	53014	21.686	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	61770	22.412	ug/L	99
31) Carbon tetrachloride	8.067	117	59200	21.945	ug/L	95
33) Benzene	8.323	78	149605	22.912	ug/L	100
34) Trichloroethene	9.092	95	41871	22.554	ug/L	93
35) Methylcyclohexane	9.335	83	66667	21.286	ug/L	99
37) 1,2-Dichloropropane	9.366	63	35905	25.036	ug/L	100
38) Bromodichloromethane	9.646	83	52499	25.634	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	57023	24.791	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	43574	61.928	ug/L	98
42) Toluene	10.390	91	172830	23.351	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	52259	26.355	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	32680	26.810	ug/L	96
46) Tetrachloroethene	10.860	164	36297	20.976	ug/L	95
48) 2-Hexanone	10.969	43	29919	57.128	ug/L	98
49) Dibromochloromethane	11.128	129	40905	26.649	ug/L	97
50) 1,2-Dibromoethane	11.231	107	31555	26.147	ug/L	94
51) Chlorobenzene	11.658	112	122144	24.248	ug/L	94
52) Ethylbenzene	11.731	91	194117	23.770	ug/L	98
53) m,p-Xylene	11.835	106	80369	23.720	ug/L	96
54) o-Xylene	12.164	106	76007	23.980	ug/L	90
55) Styrene	12.176	104	131530	25.691	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	40647	30.636	ug/L	99
59) Bromoform	12.347	173	22868	24.530	ug/L #	97
60) Isopropylbenzene	12.463	105	205766	22.312	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28626	27.838	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	143663	23.488	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	178892	24.007	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	101141	22.890	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	101962	23.053	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	93967	23.928	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	6002	28.689	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	73151	23.027	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	58106	23.027	ug/L	97
71) Naphthalene	15.359	128	114021	27.696	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	52710	24.440	ug/L	98

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

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