

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023179.D
 Acq On : 19 May 2022 17:45
 Operator : SY/VA
 Sample : N2926-02MS
 Misc : 4.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/20/2022
 Supervised By :Mahesh Dadoda 05/26/2022

Quant Time: May 20 01:52:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	86685	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	78459	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	35112	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	34070	19.157	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.640%		
7) Chloroethane-d5	2.885	69	31140	26.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	107.640%		
11) 1,1-Dichloroethene-d2	4.013	63	46004	20.019	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.080%		
21) 2-Butanone-d5	7.080	46	14240	42.112	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.220%		
24) Chloroform-d	7.653	84	56642	22.303	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.200%		
26) 1,2-Dichloroethane-d4	8.305	65	29524	21.196	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.800%		
32) Benzene-d6	8.275	84	105089	23.238	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.960%		
36) 1,2-Dichloropropane-d6	9.275	67	30291	23.845	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.360%		
41) Toluene-d8	10.323	98	94156	21.553	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.200%		
43) trans-1,3-Dichloroprop...	10.579	79	11310	19.336	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.360%		
47) 2-Hexanone-d5	10.921	63	7973	32.878	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.760%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	27480	23.209	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.840%		
66) 1,2-Dichlorobenzene-d4	13.853	152	26885	21.904	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	1774	3.754	ug/L	92
3) Chloromethane	2.221	50	15990	17.511	ug/L	93
5) Vinyl chloride	2.361	62	30721	16.764	ug/L	96
6) Bromomethane	2.782	94	16954	14.409	ug/L	91
8) Chloroethane	2.922	64	21442	24.258	ug/L	96
9) Trichlorofluoromethane	3.263	101	36528	43.610	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	24273	19.381	ug/L	95
12) 1,1-Dichloroethene	4.038	96	19037	17.147	ug/L	80
13) Acetone	4.129	43	12694	50.141	ug/L	80
14) Carbon disulfide	4.391	76	34683	11.395	ug/L	98
15) Methyl Acetate	4.684	43	9442m	18.564	ug/L	
16) Methylene chloride	4.916	84	23100	18.212	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	19622	15.705	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	47176	24.735	ug/L #	93
19) 1,1-Dichloroethane	6.220	63	40173	18.972	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	22722	16.932	ug/L #	96
22) 2-Butanone	7.177	43	11910	33.639	ug/L	95
23) Bromochloromethane	7.519	128	10813	17.205	ug/L	95
25) Chloroform	7.677	83	44991	19.215	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	28282	18.120	ug/L #	94
29) Cyclohexane	7.958	56	27049	15.941	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	40069	21.611	ug/L	99
31) Carbon tetrachloride	8.067	117	34447	19.861	ug/L	97
33) Benzene	8.323	78	90449	19.569	ug/L	100
34) Trichloroethene	9.092	95	23713	18.655	ug/L	90
35) Methylcyclohexane	9.335	83	29280	14.022	ug/L	98
37) 1,2-Dichloropropane	9.372	63	21378	19.113	ug/L	98
38) Bromodichloromethane	9.646	83	30421	19.148	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	28336	16.338	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	22637	32.109	ug/L	97
42) Toluene	10.390	91	96287	18.589	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	24472	15.809	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	19016	20.337	ug/L	98
46) Tetrachloroethene	10.860	164	17527	18.348	ug/L	84
48) 2-Hexanone	10.969	43	15263	32.402	ug/L	97
49) Dibromochloromethane	11.128	129	20637	18.338	ug/L	94
50) 1,2-Dibromoethane	11.238	107	16933	18.035	ug/L	99
51) Chlorobenzene	11.658	112	61550	18.024	ug/L	93
52) Ethylbenzene	11.731	91	99381	17.245	ug/L	97
53) m,p-Xylene	11.841	106	38971	17.163	ug/L	99
54) o-Xylene	12.164	106	38200	17.531	ug/L	97
55) Styrene	12.183	104	62370	16.845	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	21822	18.685	ug/L	98
59) Bromoform	12.347	173	9163	18.414	ug/L	92
60) Isopropylbenzene	12.463	105	103698	21.558	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	15941	22.722	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	49567	18.522	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	74530	18.548	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	38266	17.818	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	40198	18.121	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	38638	19.661	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	2517	16.416	ug/L	83
69) 1,3,5-Trichlorobenzene	14.627	180	19039	13.355	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	11254	9.814	ug/L	95
71) Naphthalene	15.365	128	20107	8.067	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	8097	7.967	ug/L	96

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

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