

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023108.D
 Acq On : 17 May 2022 18:14
 Operator : SY/VA
 Sample : N2883-06MSD
 Misc : 6.32g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/18/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 18 01:31:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 01:26:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	63085	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	47052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13264	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35802	27.662	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.640%			
7) Chloroethane-d5	2.879	69	31491	37.399	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 149.600%			
11) 1,1-Dichloroethene-d2	4.013	63	41363	24.733	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.920%			
21) 2-Butanone-d5	7.092	46	16613m	67.509	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.020%#			
24) Chloroform-d	7.653	84	41584	22.499	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.000%			
26) 1,2-Dichloroethane-d4	8.305	65	27524	27.152	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	8.275	84	89896	33.147	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 132.600%			
36) 1,2-Dichloropropane-d6	9.274	67	27570	36.190	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 144.760%#			
41) Toluene-d8	10.323	98	74842	28.567	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.280%			
43) trans-1,3-Dichloroprop...	10.579	79	8985	25.615	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.440%			
47) 2-Hexanone-d5	10.920	63	10072	69.256	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.520%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	17516	24.668	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.680%			
66) 1,2-Dichlorobenzene-d4	13.847	152	14117	30.447	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 121.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	2193	6.377	ug/L	96
3) Chloromethane	2.215	50	14889	22.405	ug/L	98
5) Vinyl chloride	2.361	62	26856	20.137	ug/L	99
6) Bromomethane	2.782	94	14264	16.658	ug/L	94
8) Chloroethane	2.916	64	17975	27.944	ug/L	92
9) Trichlorofluoromethane	3.263	101	28199	46.261	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	16976m	18.625	ug/L	
12) 1,1-Dichloroethene	4.044	96	14165	17.531	ug/L	86
13) Acetone	4.129	43	16454	89.307	ug/L	91
14) Carbon disulfide	4.379	76	36453	16.456	ug/L	98
15) Methyl Acetate	4.684	43	7865	21.249	ug/L	95
16) Methylene chloride	4.915	84	19164	20.761	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	14622	16.081	ug/L	86
18) Methyl tert-butyl Ether	5.434	73	47227	34.025	ug/L #	85
19) 1,1-Dichloroethane	6.220	63	30399	19.726	ug/L	92
20) cis-1,2-Dichloroethene	7.177	96	18568	19.013	ug/L #	95
22) 2-Butanone	7.177	43	14083	54.658	ug/L	98
23) Bromochloromethane	7.513	128	8486	18.554	ug/L	95
25) Chloroform	7.677	83	40767	23.924	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	22595	19.892	ug/L	99
29) Cyclohexane	7.951	56	17344	17.044	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	31679	28.490	ug/L	98
31) Carbon tetrachloride	8.067	117	24043	23.115	ug/L	100
33) Benzene	8.329	78	68593	24.746	ug/L	100
34) Trichloroethene	9.092	95	22924	30.072	ug/L	98
35) Methylcyclohexane	9.335	83	13014	10.392	ug/L	93
37) 1,2-Dichloropropane	9.372	63	16773	25.005	ug/L #	97
38) Bromodichloromethane	9.646	83	21573	22.643	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	19778	19.016	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	24706	58.436	ug/L	97
42) Toluene	10.384	91	71119	22.894	ug/L	89
44) trans-1,3-Dichloropropene	10.603	75	16289	17.546	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	15402	27.467	ug/L	93
46) Tetrachloroethene	10.866	164	8967	15.653	ug/L	83
48) 2-Hexanone	10.969	43	15654	55.414	ug/L	99
49) Dibromochloromethane	11.128	129	14277	21.155	ug/L	97
50) 1,2-Dibromoethane	11.237	107	13079	23.228	ug/L #	95
51) Chlorobenzene	11.658	112	37185	18.157	ug/L	99
52) Ethylbenzene	11.731	91	61720	17.859	ug/L	100
53) m,p-Xylene	11.835	106	24657	18.107	ug/L	94
54) o-Xylene	12.164	106	24800	18.979	ug/L	99
55) Styrene	12.182	104	35177	15.842	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	9764	13.941	ug/L	97
59) Bromoform	12.347	173	6778	36.058	ug/L #	98
60) Isopropylbenzene	12.463	105	59152	32.553	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	13151	49.621	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	28116	27.812	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	40066	26.395	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	15153	18.678	ug/L	85
65) 1,4-Dichlorobenzene	13.579	146	14189	16.932	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	15910	21.431	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	2390	41.263	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	5682m	10.551	ug/L	
70) 1,2,4-trichlorobenzene	15.133	180	3441	7.943	ug/L #	86
71) Naphthalene	15.359	128	13294	14.119	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.548	180	3328	8.668	ug/L #	93

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

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