

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023377.D
 Acq On : 02 Jun 2022 16:16
 Operator : SY/VA
 Sample : N3171-04MSD
 Misc : 8.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTY9MSD

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 02 21:58:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:56:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	28408	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	24891	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	8533	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	11380	27.088	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.360%			
7) Chloroethane-d5	2.891	69	6950	23.795	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	4.031	63	16054	24.862	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.440%			
21) 2-Butanone-d5	7.085	46	3547m	41.020	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.040%			
24) Chloroform-d	7.646	84	17439	23.312	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.240%			
26) 1,2-Dichloroethane-d4	8.311	65	9447	24.111	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.440%			
32) Benzene-d6	8.280	84	29812	22.291	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.160%			
36) 1,2-Dichloropropane-d6	9.274	67	9232	24.128	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.520%			
41) Toluene-d8	10.323	98	25312	19.850	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.400%			
43) trans-1,3-Dichloroprop...	10.579	79	3487	20.415	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.640%			
47) 2-Hexanone-d5	10.926	63	1535	24.972	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 49.940%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	7074	20.961	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	6743	22.356	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	1888	15.828	ug/L #	86
3) Chloromethane	2.221	50	8809	25.111	ug/L	99
5) Vinyl chloride	2.361	62	14416	26.399	ug/L	99
6) Bromomethane	2.788	94	6761	25.363	ug/L	93
8) Chloroethane	2.934	64	5908	23.506	ug/L	93
9) Trichlorofluoromethane	3.275	101	15661	60.216	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.086	101	9060m	24.012	ug/L	
12) 1,1-Dichloroethene	4.043	96	7881	24.207	ug/L #	71
13) Acetone	4.135	43	3386m	53.833	ug/L	
14) Carbon disulfide	4.397	76	22772	20.940	ug/L	99
15) Methyl Acetate	4.677	43	3113m	21.998	ug/L	
16) Methylene chloride	4.933	84	8779m	21.574	ug/L	
17) trans-1,2-Dichloroethene	5.439	96	8558	22.532	ug/L	87
18) Methyl tert-butyl Ether	5.427	73	15503m	27.726	ug/L	
19) 1,1-Dichloroethane	6.220	63	13991	21.746	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	7933m	19.890	ug/L	
22) 2-Butanone	7.177	43	3807m	39.835	ug/L	
23) Bromochloromethane	7.524	128	3937	20.802	ug/L	92
25) Chloroform	7.677	83	15316	21.750	ug/L	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.408	62	10208	22.516	ug/L #	88
29) Cyclohexane	7.957	56	10749	20.157	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	13936	24.192	ug/L	95
31) Carbon tetrachloride	8.073	117	12345	22.786	ug/L	98
33) Benzene	8.329	78	30513	21.400	ug/L	100
34) Trichloroethene	9.097	95	8039	20.818	ug/L	93
35) Methylcyclohexane	9.335	83	10778	16.847	ug/L	99
37) 1,2-Dichloropropane	9.366	63	7565	22.521	ug/L #	96
38) Bromodichloromethane	9.646	83	10313	21.689	ug/L	97
39) cis-1,3-Dichloropropene	10.079	75	9241	17.514	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	5993	31.480	ug/L	94
42) Toluene	10.390	91	29727	18.767	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	7746	16.407	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	5570	20.253	ug/L #	86
46) Tetrachloroethene	10.865	164	5862	18.958	ug/L	97
48) 2-Hexanone	10.969	43	3327m	26.147	ug/L	
49) Dibromochloromethane	11.134	129	6247	18.510	ug/L	89
50) 1,2-Dibromoethane	11.237	107	5666	21.133	ug/L #	98
51) Chlorobenzene	11.658	112	18902	18.072	ug/L	92
52) Ethylbenzene	11.731	91	29116	16.738	ug/L	99
53) m,p-Xylene	11.841	106	10719	15.561	ug/L	99
54) o-Xylene	12.170	106	10204	15.483	ug/L	98
55) Styrene	12.182	104	15465	13.769	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	6435	19.810	ug/L	94
59) Bromoform	12.347	173	3151	25.155	ug/L #	90
60) Isopropylbenzene	12.463	105	28622	24.457	ug/L	97
61) 1,2,3-Trichloropropane	12.767	75	4312	28.113	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	19450	20.284	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	14384	19.322	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	10246	19.258	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	9743	17.914	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	8925	18.559	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.474	75	635m	18.587	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	4609	13.117	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	1937	6.938	ug/L #	90
71) Naphthalene	15.358	128	2328	4.429	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.554	180	951	3.936	ug/L #	87

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

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