

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030322\
 Data File : VW022164.D
 Acq On : 03 Mar 2022 15:24
 Operator : SY/VA
 Sample : N1733-12MSD
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRS5MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 00:33:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 04 00:31:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	185870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	170686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	95893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	49423	20.386	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.560%		
7) Chloroethane-d5	2.879	69	42620	22.344	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.360%		
11) 1,1-Dichloroethene-d2	4.013	63	73853	19.893	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.560%		
21) 2-Butanone-d5	7.086	46	20106	49.326	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.660%		
24) Chloroform-d	7.647	84	98143	23.666	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.680%		
26) 1,2-Dichloroethane-d4	8.305	65	48936	22.701	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.800%		
32) Benzene-d6	8.275	84	181020	22.788	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.160%		
36) 1,2-Dichloropropane-d6	9.274	67	51620	23.399	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.600%		
41) Toluene-d8	10.323	98	173996	22.032	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.120%		
43) trans-1,3-Dichloroprop...	10.579	79	22565	23.069	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.280%		
47) 2-Hexanone-d5	10.920	63	19466	53.650	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.300%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	49337	25.483	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.920%		
66) 1,2-Dichlorobenzene-d4	13.853	152	70662	22.942	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11378	21.904	ug/L	94
3) Chloromethane	2.209	50	40870	22.960	ug/L	98
5) Vinyl chloride	2.355	62	58051	21.705	ug/L	100
6) Bromomethane	2.776	94	46457	24.871	ug/L	91
8) Chloroethane	2.916	64	32348	21.530	ug/L	99
9) Trichlorofluoromethane	3.251	101	35457	19.527	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	47657	21.512	ug/L	97
12) 1,1-Dichloroethene	4.031	96	41516	21.623	ug/L	89
13) Acetone	4.141	43	16918	50.817	ug/L	95
14) Carbon disulfide	4.379	76	90980	18.277	ug/L	100
15) Methyl Acetate	4.684	43	13730m	18.319	ug/L	
16) Methylene chloride	4.909	84	46123	20.216	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	45521	21.585	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	66075	23.029	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	77933	22.826	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	53186	23.281	ug/L	94
22) 2-Butanone	7.177	43	22389	46.816	ug/L	100
23) Bromochloromethane	7.512	128	25239	22.616	ug/L	93
25) Chloroform	7.677	83	91946	23.081	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	54409	22.175	ug/L	97
29) Cyclohexane	7.958	56	62988	22.175	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	80593	23.469	ug/L	99
31) Carbon tetrachloride	8.067	117	74433	22.806	ug/L	98
33) Benzene	8.323	78	186314	22.577	ug/L	100
34) Trichloroethene	9.091	95	52955	22.412	ug/L	97
35) Methylcyclohexane	9.335	83	76801	21.014	ug/L	98
37) 1,2-Dichloropropane	9.366	63	44202	22.960	ug/L	99
38) Bromodichloromethane	9.640	83	65440	23.703	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	70935	24.240	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	46178	44.416	ug/L	99
42) Toluene	10.390	91	218232	23.365	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	63565	24.172	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	37582	22.014	ug/L	98
46) Tetrachloroethene	10.859	164	45639	22.050	ug/L	88
48) 2-Hexanone	10.969	43	38178	52.908	ug/L	98
49) Dibromochloromethane	11.128	129	49740	23.987	ug/L	94
50) 1,2-Dibromoethane	11.237	107	37061	22.507	ug/L #	99
51) Chlorobenzene	11.652	112	149052	22.931	ug/L	97
52) Ethylbenzene	11.725	91	239515	23.171	ug/L	100
53) m,p-Xylene	11.835	106	99181	23.318	ug/L	97
54) o-Xylene	12.164	106	96086	24.009	ug/L	91
55) Styrene	12.176	104	163136	24.315	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	44052	22.240	ug/L	92
59) Bromoform	12.347	173	27677	21.826	ug/L #	97
60) Isopropylbenzene	12.463	105	258826	22.485	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	31285	20.671	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	179971	23.512	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	219653	23.480	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	127845	22.388	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	126097	22.036	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	113030	22.263	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6243	19.512	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	89827	21.916	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	69680	22.469	ug/L	99
71) Naphthalene	15.359	128	126668	23.138	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	60489	22.551	ug/L	97

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

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