

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031522\
 Data File : VW022342.D
 Acq On : 15 Mar 2022 17:11
 Operator : SY/VA
 Sample : N1883-11MSD
 Misc : 6.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSA8MSD

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2022
 Supervised By :Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 05:36:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 16 05:30:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	151067	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	144414	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78710	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	39046	19.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.280%
7) Chloroethane-d5	2.885	69	32905	21.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.880%
11) 1,1-Dichloroethene-d2	4.025	63	57804	19.157	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.640%
21) 2-Butanone-d5	7.073	46	19862	59.953	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.900%
24) Chloroform-d	7.653	84	81607	24.212	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.840%
26) 1,2-Dichloroethane-d4	8.305	65	41774	23.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.360%
32) Benzene-d6	8.274	84	147267	21.911	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.640%
36) 1,2-Dichloropropane-d6	9.274	67	42837	22.951	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.800%
41) Toluene-d8	10.323	98	141880	21.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	10.579	79	18181	21.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.880%
47) 2-Hexanone-d5	10.920	63	16821	54.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.580%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44713	27.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	60650	23.990	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	5538	13.117	ug/L	89
3) Chloromethane	2.221	50	23510	16.251	ug/L	97
5) Vinyl chloride	2.361	62	37324	17.170	ug/L	98
6) Bromomethane	2.781	94	23840	15.703	ug/L	95
8) Chloroethane	2.922	64	22082	18.083	ug/L	98
9) Trichlorofluoromethane	3.263	101	29258	19.825	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	35533	19.734	ug/L	98
12) 1,1-Dichloroethene	4.043	96	28902	18.521	ug/L	97
13) Acetone	4.123	43	14052	51.933	ug/L	97
14) Carbon disulfide	4.391	76	52946	13.087	ug/L	96
15) Methyl Acetate	4.671	43	13445m	22.072	ug/L	
16) Methylene chloride	4.921	84	35508	19.149	ug/L	99
17) trans-1,2-Dichloroethene	5.433	96	31630	18.454	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	54561	23.397	ug/L	99
19) 1,1-Dichloroethane	6.220	63	59559	21.464	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	38250	20.601	ug/L	99
22) 2-Butanone	7.171	43	18538	47.694	ug/L	93
23) Bromochloromethane	7.512	128	18966	20.910	ug/L	93
25) Chloroform	7.677	83	70853	21.884	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	43014	21.569	ug/L	100
29) Cyclohexane	7.957	56	39219	16.319	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	61295	21.097	ug/L	98
31) Carbon tetrachloride	8.073	117	56671	20.523	ug/L	97
33) Benzene	8.323	78	139024	19.912	ug/L	100
34) Trichloroethene	9.091	95	37865	18.941	ug/L	94
35) Methylcyclohexane	9.335	83	52480	16.972	ug/L	99
37) 1,2-Dichloropropane	9.372	63	35412	21.740	ug/L	98
38) Bromodichloromethane	9.646	83	52203	22.348	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	55243	22.312	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	40131	45.622	ug/L	99
42) Toluene	10.390	91	161630	20.453	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	48339	21.726	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	31595	21.874	ug/L	94
46) Tetrachloroethene	10.859	164	31122	17.771	ug/L	85
48) 2-Hexanone	10.969	43	28655	46.935	ug/L	98
49) Dibromochloromethane	11.128	129	40084	22.847	ug/L	99
50) 1,2-Dibromoethane	11.231	107	29880	21.447	ug/L	96
51) Chlorobenzene	11.658	112	115056	20.921	ug/L	98
52) Ethylbenzene	11.731	91	182229	20.836	ug/L	99
53) m,p-Xylene	11.835	106	73681	20.474	ug/L	99
54) o-Xylene	12.164	106	73647	21.750	ug/L	94
55) Styrene	12.176	104	129077	22.739	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	38518	22.984	ug/L	94
59) Bromoform	12.347	173	23475	22.553	ug/L	97
60) Isopropylbenzene	12.463	105	200584	21.229	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	27584	22.204	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	137325	21.857	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	170495	22.204	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	98540	21.024	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	99920	21.273	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	93021	22.322	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	5607	21.350	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	68856	20.467	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	53015	20.827	ug/L	96
71) Naphthalene	15.359	128	99358	22.111	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	48337	21.954	ug/L	95

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

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