

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031022\
 Data File : VW022270.D
 Acq On : 10 Mar 2022 13:52
 Operator : SY/VA
 Sample : N1818-10MSD
 Misc : 7.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSF4MSD

Quant Time: Mar 11 03:09:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 03:07:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174109	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	160897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	87690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	72046	31.725	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.920%
7) Chloroethane-d5	2.879	69	50819	28.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.760%
11) 1,1-Dichloroethene-d2	4.013	63	83712	24.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.280%
21) 2-Butanone-d5	7.080	46	22916	60.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.040%
24) Chloroform-d	7.653	84	104407	26.877	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.520%
26) 1,2-Dichloroethane-d4	8.305	65	53819	26.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	8.268	84	204418	27.299	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	9.274	67	55937	26.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.600%
41) Toluene-d8	10.323	98	203711	27.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.440%
43) trans-1,3-Dichloroprop...	10.579	79	24938	27.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.200%
47) 2-Hexanone-d5	10.920	63	19673	57.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	50221	27.518	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	77003	27.340	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	9525	19.575	ug/L	90
3) Chloromethane	2.209	50	31024	18.606	ug/L	97
5) Vinyl chloride	2.355	62	46459	18.544	ug/L	93
6) Bromomethane	2.769	94	29546	16.886	ug/L	95
8) Chloroethane	2.916	64	27168	19.304	ug/L	98
9) Trichlorofluoromethane	3.251	101	26844	15.782	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	38802	18.698	ug/L	98
12) 1,1-Dichloroethene	4.038	96	32636	18.146	ug/L #	83
13) Acetone	4.123	43	19007	60.949	ug/L	99
14) Carbon disulfide	4.379	76	61581	13.206	ug/L	96
15) Methyl Acetate	4.665	43	14138	20.138	ug/L	100
16) Methylene chloride	4.909	84	37221	17.416	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	66118	33.470	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	59688	22.209	ug/L	99
19) 1,1-Dichloroethane	6.220	63	65545	20.495	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	69154	32.316	ug/L	98
22) 2-Butanone	7.171	43	24465	54.612	ug/L	99
23) Bromochloromethane	7.519	128	20477	19.588	ug/L	95
25) Chloroform	7.671	83	76815	20.585	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	46122	20.067	ug/L	99
29) Cyclohexane	7.958	56	46254	17.274	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	65620	20.271	ug/L	99
31) Carbon tetrachloride	8.067	117	60656	19.716	ug/L	99
33) Benzene	8.323	78	151439	19.468	ug/L	100
34) Trichloroethene	9.091	95	73835	33.150	ug/L	98
35) Methylcyclohexane	9.335	83	60369	17.523	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37086	20.435	ug/L	99
38) Bromodichloromethane	9.640	83	56131	21.568	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	59875	21.705	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	46646	47.596	ug/L	99
42) Toluene	10.384	91	175644	19.950	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	54422	21.954	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	33513	20.825	ug/L	97
46) Tetrachloroethene	10.866	164	36187	18.547	ug/L	96
48) 2-Hexanone	10.969	43	37931	55.764	ug/L	98
49) Dibromochloromethane	11.128	129	42355	21.668	ug/L	96
50) 1,2-Dibromoethane	11.231	107	32276	20.794	ug/L	94
51) Chlorobenzene	11.652	112	124471	20.314	ug/L	97
52) Ethylbenzene	11.731	91	197700	20.290	ug/L	99
53) m,p-Xylene	11.835	106	80675	20.121	ug/L	100
54) o-Xylene	12.164	106	79926	21.186	ug/L	94
55) Styrene	12.176	104	135106	21.363	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	42161	22.580	ug/L	98
59) Bromoform	12.347	173	23568	20.324	ug/L #	96
60) Isopropylbenzene	12.463	105	218912	20.796	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29365	21.217	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	146869	20.982	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	185158	21.645	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	106910	20.474	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	107968	20.633	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	95417	20.552	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6312	21.574	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.621	180	75648	20.183	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	62363	21.991	ug/L	99
71) Naphthalene	15.359	128	118308	23.632	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	54565	22.245	ug/L	99

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

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