

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
 Data File : VW022651.D
 Acq On : 27 Apr 2022 18:44
 Operator : SY/VA
 Sample : N2562-19MS
 Misc : 6.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW478MS

Quant Time: Apr 28 01:14:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 28 01:10:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	313355	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	304243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	154110	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	80000	11.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.200%
7) Chloroethane-d5	2.885	69	67726	15.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.400%
11) 1,1-Dichloroethene-d2	4.025	63	135437	15.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.280%
21) 2-Butanone-d5	7.080	46	66624	55.088	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.180%
24) Chloroform-d	7.647	84	204475	20.877	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.520%
26) 1,2-Dichloroethane-d4	8.305	65	113327	20.251	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	8.275	84	328882	17.693	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.760%
36) 1,2-Dichloropropane-d6	9.274	67	111354	20.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.800%
41) Toluene-d8	10.323	98	300817	16.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.080%
43) trans-1,3-Dichloroprop...	10.579	79	45744	18.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.080%
47) 2-Hexanone-d5	10.921	63	57005	56.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	124593	27.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.960%
66) 1,2-Dichlorobenzene-d4	13.847	152	116128	21.274	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	28446	18.519	ug/L	95
3) Chloromethane	2.221	50	68398	17.859	ug/L	99
5) Vinyl chloride	2.361	62	144757	18.114	ug/L	93
6) Bromomethane	2.782	94	86611	17.829	ug/L	98
8) Chloroethane	2.922	64	70787	20.233	ug/L	97
9) Trichlorofluoromethane	3.257	101	72788	24.671	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	105306	22.415	ug/L	95
12) 1,1-Dichloroethene	4.044	96	93321	22.118	ug/L	85
13) Acetone	4.123	43	57966	70.394	ug/L	91
14) Carbon disulfide	4.385	76	216812	15.621	ug/L	98
15) Methyl Acetate	4.678	43	43781	21.187	ug/L	92
16) Methylene chloride	4.916	84	131631	27.917	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	102469	20.732	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	181170	22.444	ug/L	96
19) 1,1-Dichloroethane	6.214	63	191752	21.262	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	119155	22.826	ug/L #	88
22) 2-Butanone	7.171	43	72242	58.087	ug/L	97
23) Bromochloromethane	7.513	128	54948	24.459	ug/L	90
25) Chloroform	7.677	83	217555	22.904	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	145247	21.757	ug/L #	95
29) Cyclohexane	7.958	56	148599	17.065	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	178498	21.150	ug/L	97
31) Carbon tetrachloride	8.073	117	160925	21.245	ug/L	98
33) Benzene	8.323	78	435171	21.067	ug/L	100
34) Trichloroethene	9.092	95	117489	21.243	ug/L	97
35) Methylcyclohexane	9.335	83	167085	16.838	ug/L	97
37) 1,2-Dichloropropane	9.366	63	109571	22.142	ug/L	100
38) Bromodichloromethane	9.646	83	158474	22.269	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	171260	21.810	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	140746	46.605	ug/L	95
42) Toluene	10.384	91	495335	20.927	ug/L	93
44) trans-1,3-Dichloropropene	10.604	75	152779	21.729	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	95117	25.185	ug/L	96
46) Tetrachloroethene	10.860	164	81942	20.155	ug/L	98
48) 2-Hexanone	10.969	43	113815	53.421	ug/L	95
49) Dibromochloromethane	11.128	129	112637	25.007	ug/L	91
50) 1,2-Dibromoethane	11.231	107	91412	24.512	ug/L	93
51) Chlorobenzene	11.658	112	317991	21.985	ug/L	95
52) Ethylbenzene	11.731	91	545822	20.573	ug/L	94
53) m,p-Xylene	11.841	106	216524	21.464	ug/L	88
54) o-Xylene	12.164	106	213602	22.158	ug/L	88
55) Styrene	12.176	104	363439	22.067	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	114856	24.778	ug/L	97
59) Bromoform	12.347	173	58427	25.514	ug/L	99
60) Isopropylbenzene	12.463	105	557135	21.763	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84608	25.809	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	299146	21.248	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	460637	21.516	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	228418	21.985	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	237029	22.875	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	213632	22.992	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17940	23.596	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	130227	19.211	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	107041	18.802	ug/L	97
71) Naphthalene	15.359	128	279344	23.263	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	90821	18.663	ug/L	93

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

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