

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
 Data File : VW022933.D
 Acq On : 09 May 2022 16:28
 Operator : SY/VA
 Sample : N2713-14MSD
 Misc : 5.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSL3MSD

Quant Time: May 09 22:59:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 09 22:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	376528	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	375460	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103947	13.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.840%
7) Chloroethane-d5	2.885	69	94061	18.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.880%
11) 1,1-Dichloroethene-d2	4.025	63	161737	16.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.800%
21) 2-Butanone-d5	7.079	46	45213	30.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.560%
24) Chloroform-d	7.652	84	209812	19.020	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.080%
26) 1,2-Dichloroethane-d4	8.311	65	102985	17.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.080%#
32) Benzene-d6	8.274	84	376756	17.409	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.640%
36) 1,2-Dichloropropane-d6	9.274	67	112272	18.469	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.880%
41) Toluene-d8	10.323	98	363728	17.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.600%
43) trans-1,3-Dichloroprop...	10.579	79	46282	16.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.120%
47) 2-Hexanone-d5	10.926	63	37540	32.348	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	99640	17.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.360%
66) 1,2-Dichlorobenzene-d4	13.846	152	137952	18.718	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	33890	16.511	ug/L	89
3) Chloromethane	2.220	50	72536	18.288	ug/L	100
5) Vinyl chloride	2.361	62	142868	17.948	ug/L	98
6) Bromomethane	2.781	94	89159	17.445	ug/L	89
8) Chloroethane	2.922	64	82376	21.456	ug/L	96
9) Trichlorofluoromethane	3.263	101	73735	20.267	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	96931	17.818	ug/L	94
12) 1,1-Dichloroethene	4.037	96	87624	18.170	ug/L	89
13) Acetone	4.123	43	23705	21.557	ug/L	96
14) Carbon disulfide	4.385	76	207814	15.718	ug/L	99
15) Methyl Acetate	4.671	43	31371	14.200	ug/L	98
16) Methylene chloride	4.921	84	103867	18.852	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	98683	18.184	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	150528	18.170	ug/L	100
19) 1,1-Dichloroethane	6.214	63	181567	19.740	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	111486	19.126	ug/L #	97
22) 2-Butanone	7.171	43	40374	26.253	ug/L	98
23) Bromochloromethane	7.518	128	47572	17.427	ug/L	94
25) Chloroform	7.677	83	205030	20.159	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	120852	17.826	ug/L	99
29) Cyclohexane	7.957	56	148434	18.280	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	176927	19.940	ug/L	100
31) Carbon tetrachloride	8.073	117	159926	19.268	ug/L	100
33) Benzene	8.323	78	422713	19.111	ug/L	100
34) Trichloroethene	9.091	95	115867	19.048	ug/L	99
35) Methylcyclohexane	9.335	83	182804	18.293	ug/L	98
37) 1,2-Dichloropropane	9.366	63	101282	18.922	ug/L	100
38) Bromodichloromethane	9.646	83	143909	18.929	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	158494	19.097	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	96783	28.687	ug/L	99
42) Toluene	10.384	91	490168	19.774	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	134427	18.146	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	80066	17.893	ug/L	97
46) Tetrachloroethene	10.859	164	82831	18.120	ug/L	96
48) 2-Hexanone	10.969	43	67670	30.020	ug/L	99
49) Dibromochloromethane	11.127	129	96010	17.828	ug/L	99
50) 1,2-Dibromoethane	11.237	107	73158	16.282	ug/L	96
51) Chlorobenzene	11.658	112	319515	19.552	ug/L	99
52) Ethylbenzene	11.731	91	546734	19.826	ug/L	99
53) m,p-Xylene	11.841	106	217896	20.053	ug/L	99
54) o-Xylene	12.164	106	208793	20.024	ug/L	91
55) Styrene	12.182	104	369163	20.835	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	92235	16.503	ug/L	99
59) Bromoform	12.347	173	45940	15.375	ug/L	93
60) Isopropylbenzene	12.463	105	587874	20.354	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	64855	15.395	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	325739	20.271	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	498690	20.669	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	252512	19.581	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	250616	18.815	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	227822	19.306	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.480	75	13438	14.596	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	173119	20.224	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	136937	19.887	ug/L	98
71) Naphthalene	15.358	128	256318	17.127	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	117346	19.228	ug/L	98

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

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