

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023223.D
 Acq On : 21 May 2022 01:48
 Operator : SY/VA
 Sample : N2929-03MSDRE
 Misc : 7.35g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSDRE

Quant Time: May 21 04:06:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 21 01:30:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	282351	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	221500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68621	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	123419	21.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
7) Chloroethane-d5	2.879	69	91547	24.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.160%
11) 1,1-Dichloroethene-d2	4.019	63	143736	19.203	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.800%
21) 2-Butanone-d5	7.074	46	69873	63.440	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.880%
24) Chloroform-d	7.647	84	223616	27.032	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.120%
26) 1,2-Dichloroethane-d4	8.305	65	134600	29.667	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.680%
32) Benzene-d6	8.275	84	395318	30.964	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.840%
36) 1,2-Dichloropropane-d6	9.274	67	123752	34.507	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.040%#
41) Toluene-d8	10.323	98	321143	26.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.160%
43) trans-1,3-Dichloroprop...	10.573	79	46938	28.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.720%
47) 2-Hexanone-d5	10.920	63	58807	85.897	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.800%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120335	35.999	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.000%#
66) 1,2-Dichlorobenzene-d4	13.853	152	60614	25.269	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	30300	19.686	ug/L	92
3) Chloromethane	2.209	50	69931	23.512	ug/L	96
5) Vinyl chloride	2.355	62	98725	16.539	ug/L	99
6) Bromomethane	2.769	94	48817	12.737	ug/L	93
8) Chloroethane	2.916	64	50416	17.511	ug/L	95
9) Trichlorofluoromethane	3.257	101	42460	15.563	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	65598	16.080	ug/L	97
12) 1,1-Dichloroethene	4.044	96	60895	16.839	ug/L	91
13) Acetone	4.117	43	63322	76.790	ug/L	99
14) Carbon disulfide	4.385	76	108671	10.961	ug/L	97
15) Methyl Acetate	4.665	43	44088	26.613	ug/L	98
16) Methylene chloride	4.915	84	84382	20.424	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	68847	16.918	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	172617	27.786	ug/L	99
19) 1,1-Dichloroethane	6.214	63	142442	20.652	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	86389	19.764	ug/L #	97
22) 2-Butanone	7.171	43	78586	68.145	ug/L	94
23) Bromochloromethane	7.513	128	45369	22.163	ug/L	89
25) Chloroform	7.677	83	162583	21.318	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	115225	22.665	ug/L	99
29) Cyclohexane	7.958	56	66228	13.825	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	123285	23.553	ug/L	99
31) Carbon tetrachloride	8.067	117	97303	19.872	ug/L	98
33) Benzene	8.323	78	315914	24.210	ug/L	100
34) Trichloroethene	9.091	95	73626	20.517	ug/L	97
35) Methylcyclohexane	9.335	83	56745	9.626	ug/L	96
37) 1,2-Dichloropropane	9.366	63	82796	26.220	ug/L	98
38) Bromodichloromethane	9.646	83	113434	25.291	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	111321	22.736	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	155235	77.995	ug/L	97
42) Toluene	10.384	91	317668	21.723	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	98977	22.648	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	76204	28.868	ug/L	100
46) Tetrachloroethene	10.859	164	45231	16.772	ug/L	86
48) 2-Hexanone	10.963	43	134239	100.944	ug/L	89
49) Dibromochloromethane	11.128	129	80692	25.398	ug/L	98
50) 1,2-Dibromoethane	11.231	107	72705	27.429	ug/L	95
51) Chlorobenzene	11.658	112	181803	18.858	ug/L	99
52) Ethylbenzene	11.725	91	292748	17.994	ug/L	97
53) m,p-Xylene	11.835	106	104646	16.325	ug/L	96
54) o-Xylene	12.164	106	106740	17.352	ug/L	97
55) Styrene	12.176	104	178982	17.123	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	91546	27.765	ug/L	95
59) Bromoform	12.347	173	39162	40.270	ug/L	99
60) Isopropylbenzene	12.463	105	226229	24.065	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	71420	52.089	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	101241	19.358	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	164051	20.890	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	78931	18.806	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	84623	19.520	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	78671	20.483	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.475	75	13962	46.593	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.621	180	26135	9.381	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	18177	8.111	ug/L	98
71) Naphthalene	15.359	128	83313	17.104	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	15805	7.957	ug/L	97

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

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