

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022971.D
 Acq On : 11 May 2022 11:18
 Operator : SY/VA
 Sample : N2766-02REMS
 Misc : 7.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3REMS

Quant Time: May 12 01:09:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 12 01:07:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	258045	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	155663	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	33100	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109866	20.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.885	69	92758	26.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.720%
11) 1,1-Dichloroethene-d2	4.025	63	147329	21.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.080	46	56750	56.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.760%
24) Chloroform-d	7.653	84	199686	26.413	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.640%
26) 1,2-Dichloroethane-d4	8.305	65	100927	24.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.360%
32) Benzene-d6	8.275	84	334618	37.295	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	149.160%#
36) 1,2-Dichloropropane-d6	9.274	67	104153	41.325	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	165.280%#
41) Toluene-d8	10.323	98	255903	29.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.120%
43) trans-1,3-Dichloroprop...	10.579	79	28941	24.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.760%
47) 2-Hexanone-d5	10.927	63	41097	85.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.840%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	87179	37.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	148.440%#
66) 1,2-Dichlorobenzene-d4	13.847	152	37599	32.495	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	24457	17.386	ug/L	97
3) Chloromethane	2.221	50	70764	26.033	ug/L	100
5) Vinyl chloride	2.361	62	131549	24.114	ug/L	99
6) Bromomethane	2.782	94	82533	23.563	ug/L	97
8) Chloroethane	2.922	64	77122	29.310	ug/L	99
9) Trichlorofluoromethane	3.263	101	64604	25.910	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	90903	24.382	ug/L	96
12) 1,1-Dichloroethene	4.044	96	74788	22.629	ug/L	89
13) Acetone	4.123	43	43630	57.894	ug/L	97
14) Carbon disulfide	4.385	76	168270	18.571	ug/L	100
15) Methyl Acetate	4.666	43	36907	24.377	ug/L	95
16) Methylene chloride	4.922	84	96239	25.488	ug/L	93
17) trans-1,2-Dichloroethene	5.422	96	83512	22.454	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	166262	29.284	ug/L	99
19) 1,1-Dichloroethane	6.220	63	162920	25.846	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	94620	23.686	ug/L #	99
22) 2-Butanone	7.171	43	54541	51.750	ug/L	98
23) Bromochloromethane	7.519	128	45275	24.200	ug/L	87
25) Chloroform	7.671	83	178044	25.544	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	107489	23.135	ug/L	99
29) Cyclohexane	7.958	56	107370	31.894	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	161469	43.894	ug/L	99
31) Carbon tetrachloride	8.067	117	129155	37.533	ug/L	98
33) Benzene	8.323	78	343751	37.486	ug/L	100
34) Trichloroethene	9.092	95	70432	27.928	ug/L	96
35) Methylcyclohexane	9.335	83	96900	23.389	ug/L	99
37) 1,2-Dichloropropane	9.366	63	86678	39.059	ug/L	99
38) Bromodichloromethane	9.646	83	113194	35.912	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	100298	29.148	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	103346	73.886	ug/L	98
42) Toluene	10.384	91	307085	29.881	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	74545	24.272	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	64598	34.821	ug/L	96
46) Tetrachloroethene	10.860	164	39639	20.915	ug/L	87
48) 2-Hexanone	10.969	43	74992	80.242	ug/L	95
49) Dibromochloromethane	11.128	129	67479	30.222	ug/L	98
50) 1,2-Dibromoethane	11.231	107	47226	25.352	ug/L	91
51) Chlorobenzene	11.658	112	144611	21.344	ug/L	97
52) Ethylbenzene	11.731	91	241977	21.164	ug/L	99
53) m,p-Xylene	11.835	106	94471	20.970	ug/L	98
54) o-Xylene	12.164	106	119732	27.696	ug/L	96
55) Styrene	12.176	104	134572	18.319	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	77994	33.660	ug/L	92
59) Bromoform	12.347	173	30102	64.172	ug/L	98
60) Isopropylbenzene	12.463	105	273472	60.309	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	54503	82.409	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	138402	54.861	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	168940	44.599	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	48262	23.838	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	41754	19.967	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	55080	29.731	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	9172	63.456	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	23157	17.232	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	9868	9.128	ug/L	96
71) Naphthalene	15.359	128	41420	17.629	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10422	10.878	ug/L	87

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

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