

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022972.D
 Acq On : 11 May 2022 11:41
 Operator : SY/VA
 Sample : N2766-03REMSD
 Misc : 7.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3REMSD

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: May 12 01:09:41 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	173898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	83251	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	14965	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	87991	24.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
7) Chloroethane-d5	2.885	69	71306	30.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.880%
11) 1,1-Dichloroethene-d2	4.025	63	94139	20.421	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.680%
21) 2-Butanone-d5	7.074	46	65245	96.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.360%#
24) Chloroform-d	7.653	84	152192	29.872	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.480%
26) 1,2-Dichloroethane-d4	8.305	65	90029	32.219	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.880%
32) Benzene-d6	8.275	84	250679	52.241	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	208.960%#
36) 1,2-Dichloropropane-d6	9.274	67	90596	67.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	268.840%#
41) Toluene-d8	10.323	98	155443	33.534	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	134.120%#
43) trans-1,3-Dichloroprop...	10.579	79	19968	32.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	128.680%
47) 2-Hexanone-d5	10.920	63	42836	166.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	332.940%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	90370	71.930	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	287.720%#
66) 1,2-Dichlorobenzene-d4	13.853	152	19399	37.083	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	148.320%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	21039	22.194	ug/L	97
3) Chloromethane	2.215	50	61199	33.408	ug/L	96
5) Vinyl chloride	2.361	62	103699	28.207	ug/L	100
6) Bromomethane	2.776	94	67483	28.589	ug/L	99
8) Chloroethane	2.922	64	54789	30.899	ug/L	98
9) Trichlorofluoromethane	3.263	101	45851	27.287	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	69741m	27.758	ug/L	
12) 1,1-Dichloroethene	4.044	96	48063	21.579	ug/L	80
13) Acetone	4.123	43	49727	97.913	ug/L	98
14) Carbon disulfide	4.385	76	92160	15.093	ug/L	96
15) Methyl Acetate	4.678	43	37697	36.947	ug/L	100
16) Methylene chloride	4.915	84	77143	30.317	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	50320	20.076	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	152452	39.844	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	125113	29.452	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	64285	23.879	ug/L #	94
22) 2-Butanone	7.171	43	56567	79.643	ug/L	100
23) Bromochloromethane	7.513	128	37449	29.703	ug/L	91
25) Chloroform	7.677	83	135256	28.795	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	90688	28.963	ug/L	99
29) Cyclohexane	7.958	56	67139	37.290	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	123728	62.890	ug/L	100
31) Carbon tetrachloride	8.073	117	94462	51.329	ug/L	100
33) Benzene	8.323	78	242011	49.346	ug/L	100
34) Trichloroethene	9.092	95	34862	25.847	ug/L	99
35) Methylcyclohexane	9.335	83	53281	24.047	ug/L	98
37) 1,2-Dichloropropane	9.372	63	69274	58.369	ug/L	98
38) Bromodichloromethane	9.646	83	87764	52.062	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	65803	35.757	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	112915	150.944	ug/L	99
42) Toluene	10.390	91	174954	31.831	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	49300	30.014	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	56986	57.437	ug/L	98
46) Tetrachloroethene	10.860	164	20654	20.377	ug/L	85
48) 2-Hexanone	10.969	43	77657	155.370	ug/L	99
49) Dibromochloromethane	11.128	129	55840	46.763	ug/L	96
50) 1,2-Dibromoethane	11.237	107	39145	39.292	ug/L #	97
51) Chlorobenzene	11.658	112	74511	20.563	ug/L	95
52) Ethylbenzene	11.725	91	116794	19.100	ug/L	99
53) m,p-Xylene	11.835	106	45549	18.905	ug/L	96
54) o-Xylene	12.164	106	68053	29.434	ug/L	91
55) Styrene	12.176	104	63161	16.077	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	74625	60.219	ug/L	99
59) Bromoform	12.347	173	25104	118.370	ug/L	99
60) Isopropylbenzene	12.463	105	127743	62.310	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	53391	178.556	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	63652	55.807	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	74291	43.379	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	20483	22.378	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	19126	20.230	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	28547	34.082	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	8798	134.630	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	9392	15.458	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	4315	8.829	ug/L	95
71) Naphthalene	15.359	128	27676	26.053	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	5772	13.325	ug/L	97

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

