

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042922\
 Data File : VW022706.D
 Acq On : 29 Apr 2022 17:45
 Operator : SY/VA
 Sample : N2603-21MS
 Misc : 5.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4A1MS

Quant Time: Apr 29 22:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 22:19:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	325166	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305333	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	150489	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	86961	12.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.400%
7) Chloroethane-d5	2.885	69	99975	22.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.760%
11) 1,1-Dichloroethene-d2	4.019	63	146755	15.740	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.960%
21) 2-Butanone-d5	7.092	46	65073	51.851	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.700%
24) Chloroform-d	7.647	84	225101	22.148	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	8.305	65	117593	20.250	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	8.275	84	358287	19.206	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.840%
36) 1,2-Dichloropropane-d6	9.274	67	120406	22.304	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.200%
41) Toluene-d8	10.323	98	317261	17.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.440%
43) trans-1,3-Dichloroprop...	10.579	79	46138	18.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.440%
47) 2-Hexanone-d5	10.920	63	55091	54.850	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127462	27.768	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	125556	23.555	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	38708	24.284	ug/L	98
3) Chloromethane	2.209	50	91016	22.902	ug/L	97
5) Vinyl chloride	2.361	62	175770	21.196	ug/L	93
6) Bromomethane	2.782	94	121765	24.155	ug/L	98
8) Chloroethane	2.922	64	107637	29.649	ug/L	99
9) Trichlorofluoromethane	3.251	101	90177	29.455	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	114172	23.420	ug/L	95
12) 1,1-Dichloroethene	4.037	96	101526	23.189	ug/L	85
13) Acetone	4.153	43	51019	59.707	ug/L	95
14) Carbon disulfide	4.385	76	236395	16.413	ug/L	100
15) Methyl Acetate	4.684	43	41076	19.156	ug/L	93
16) Methylene chloride	4.915	84	129001	26.365	ug/L	87
17) trans-1,2-Dichloroethene	5.421	96	114010	22.229	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	194370	23.205	ug/L	97
19) 1,1-Dichloroethane	6.214	63	215395	23.017	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	131050	24.193	ug/L	94
22) 2-Butanone	7.183	43	63828	49.458	ug/L	95
23) Bromochloromethane	7.512	128	59557	25.548	ug/L	88
25) Chloroform	7.677	83	242563	24.610	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	150591	21.738	ug/L	96
29) Cyclohexane	7.951	56	162287	18.571	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	206652	24.399	ug/L	97
31) Carbon tetrachloride	8.067	117	184173	24.227	ug/L	97
33) Benzene	8.323	78	485352	23.413	ug/L	100
34) Trichloroethene	9.091	95	128416	23.136	ug/L	97
35) Methylcyclohexane	9.335	83	186767	18.755	ug/L	95
37) 1,2-Dichloropropane	9.366	63	119543	24.071	ug/L	99
38) Bromodichloromethane	9.646	83	171682	24.039	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	184742	23.443	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	137904	45.501	ug/L	96
42) Toluene	10.384	91	553790	23.313	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	160023	22.678	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	96956	25.581	ug/L	99
46) Tetrachloroethene	10.859	164	91366	22.393	ug/L	86
48) 2-Hexanone	10.969	43	106788	49.944	ug/L	93
49) Dibromochloromethane	11.128	129	114394	25.307	ug/L	93
50) 1,2-Dibromoethane	11.231	107	91872	24.548	ug/L	98
51) Chlorobenzene	11.658	112	345869	23.827	ug/L	93
52) Ethylbenzene	11.731	91	588264	22.094	ug/L	97
53) m,p-Xylene	11.841	106	229110	22.630	ug/L	88
54) o-Xylene	12.164	106	232609	24.043	ug/L	95
55) Styrene	12.176	104	389164	23.544	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	118811	25.540	ug/L	99
59) Bromoform	12.347	173	59560	26.635	ug/L	98
60) Isopropylbenzene	12.463	105	620296	24.813	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	84072	26.262	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	334489	24.330	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	502362	24.029	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	234573	23.121	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	236711	23.394	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	223453	24.627	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	16829	22.667	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	135492	20.469	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	97329	17.507	ug/L	95
71) Naphthalene	15.359	128	271413	23.147	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	95866	20.174	ug/L	99

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

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