

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023219.D
 Acq On : 21 May 2022 00:12
 Operator : SY/VA
 Sample : N2925-21MS
 Misc : 4.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXXZ7MS

Quant Time: May 21 01:51:29 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	284397	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	296712	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	107642	18.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
7) Chloroethane-d5	2.879	69	75798	19.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
11) 1,1-Dichloroethene-d2	4.019	63	134050	17.780	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.120%
21) 2-Butanone-d5	7.080	46	65971	59.466	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.940%
24) Chloroform-d	7.647	84	221231	26.551	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	8.305	65	127421	27.883	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.520%
32) Benzene-d6	8.275	84	400393	23.412	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.275	67	125806	26.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.760%
41) Toluene-d8	10.323	98	388021	23.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.960%
43) trans-1,3-Dichloroprop...	10.579	79	54400	24.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.360%
47) 2-Hexanone-d5	10.927	63	53236	58.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.100%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	132257	29.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	152853	25.506	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	27122	17.494	ug/L	94
3) Chloromethane	2.209	50	70347	23.481	ug/L	99
5) Vinyl chloride	2.361	62	98337	16.356	ug/L	97
6) Bromomethane	2.770	94	49962	12.942	ug/L	94
8) Chloroethane	2.916	64	46108	15.900	ug/L	99
9) Trichlorofluoromethane	3.251	101	44365	16.144	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	75804	18.448	ug/L	97
12) 1,1-Dichloroethene	4.032	96	59888	16.441	ug/L #	80
13) Acetone	4.123	43	40758	49.072	ug/L	77
14) Carbon disulfide	4.385	76	115287	11.545	ug/L	99
15) Methyl Acetate	4.672	43	37420	22.425	ug/L	99
16) Methylene chloride	4.916	84	88343	21.229	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	72055	17.578	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	157377	25.150	ug/L	99
19) 1,1-Dichloroethane	6.220	63	150577	21.674	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	93634	21.267	ug/L #	99
22) 2-Butanone	7.171	43	54941	47.299	ug/L	98
23) Bromochloromethane	7.513	128	44938	21.794	ug/L	94
25) Chloroform	7.677	83	177191	23.066	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	121441	23.716	ug/L	99
29) Cyclohexane	7.952	56	98942	15.419	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	137800	19.652	ug/L	97
31) Carbon tetrachloride	8.067	117	119160	18.167	ug/L	98
33) Benzene	8.324	78	348276	19.925	ug/L	100
34) Trichloroethene	9.092	95	90957	18.922	ug/L	98
35) Methylcyclohexane	9.336	83	122797	15.550	ug/L	98
37) 1,2-Dichloropropane	9.366	63	92369	21.837	ug/L	99
38) Bromodichloromethane	9.646	83	133702	22.254	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	143544	21.886	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	121956	45.743	ug/L	99
42) Toluene	10.390	91	397424	20.288	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	130967	22.371	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	83055	23.488	ug/L	97
46) Tetrachloroethene	10.860	164	65184	18.044	ug/L	91
48) 2-Hexanone	10.969	43	89984	50.513	ug/L	98
49) Dibromochloromethane	11.128	129	96243	22.614	ug/L	95
50) 1,2-Dibromoethane	11.232	107	78046	21.981	ug/L	98
51) Chlorobenzene	11.652	112	266772	20.657	ug/L	98
52) Ethylbenzene	11.731	91	449879	20.643	ug/L	99
53) m,p-Xylene	11.841	106	175755	20.467	ug/L	99
54) o-Xylene	12.164	106	175839	21.339	ug/L	92
55) Styrene	12.176	104	315490	22.532	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	104721	23.710	ug/L	97
59) Bromoform	12.353	173	51859	21.345	ug/L	98
60) Isopropylbenzene	12.463	105	470515	20.034	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	77191	22.535	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	259117	19.831	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	406301	20.710	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	219982	20.979	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	227587	21.013	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	212759	22.174	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16209	21.652	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	139076	19.982	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	116567	20.820	ug/L	95
71) Naphthalene	15.359	128	280198	23.025	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	112053	22.581	ug/L	98

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

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