

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023220.D
 Acq On : 21 May 2022 00:36
 Operator : SY/VA
 Sample : N2925-22MSD
 Misc : 4.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXXZ7MSD

Quant Time: May 21 01:51:52 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	361695	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	362326	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	130766	17.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.480%
7) Chloroethane-d5	2.879	69	94885	19.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	4.019	63	158017	16.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.920%
21) 2-Butanone-d5	7.080	46	65540	46.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.900%
24) Chloroform-d	7.647	84	254089	23.978	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.920%
26) 1,2-Dichloroethane-d4	8.305	65	141500	24.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	8.275	84	463256	22.182	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.720%
36) 1,2-Dichloropropane-d6	9.274	67	142250	24.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	10.323	98	442586	21.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.760%
43) trans-1,3-Dichloroprop...	10.579	79	58560	21.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.720%
47) 2-Hexanone-d5	10.927	63	54602	48.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136814	25.021	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	160927	22.803	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	29286	14.853	ug/L	97
3) Chloromethane	2.215	50	74366	19.518	ug/L	99
5) Vinyl chloride	2.361	62	100539	13.148	ug/L	97
6) Bromomethane	2.776	94	56002	11.407	ug/L	91
8) Chloroethane	2.916	64	48736	13.214	ug/L	97
9) Trichlorofluoromethane	3.257	101	42285	12.099	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	76690	14.675	ug/L	100
12) 1,1-Dichloroethene	4.044	96	62294	13.447	ug/L	89
13) Acetone	4.129	43	35217	33.339	ug/L	98
14) Carbon disulfide	4.385	76	115357	9.083	ug/L	100
15) Methyl Acetate	4.672	43	32504	15.316	ug/L	97
16) Methylene chloride	4.915	84	85984	16.246	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	71236	13.665	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	143589	18.043	ug/L	99
19) 1,1-Dichloroethane	6.214	63	145946	16.518	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	90843	16.224	ug/L #	97
22) 2-Butanone	7.171	43	44814	30.336	ug/L	96
23) Bromochloromethane	7.519	128	41707	15.905	ug/L	92
25) Chloroform	7.671	83	171304	17.534	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	108190	16.613	ug/L	98
29) Cyclohexane	7.958	56	97570	12.452	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	137494	16.058	ug/L	99
31) Carbon tetrachloride	8.067	117	118113	14.747	ug/L	98
33) Benzene	8.323	78	328870	15.407	ug/L	100
34) Trichloroethene	9.091	95	89935	15.321	ug/L	97
35) Methylcyclohexane	9.335	83	122242	12.676	ug/L	99
37) 1,2-Dichloropropane	9.366	63	84753	16.408	ug/L	98
38) Bromodichloromethane	9.646	83	124441	16.961	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	131522	16.421	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	103106	31.669	ug/L	99
42) Toluene	10.384	91	387124	16.183	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	116239	16.260	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	74885	17.342	ug/L	98
46) Tetrachloroethene	10.859	164	64969	14.727	ug/L	87
48) 2-Hexanone	10.969	43	74614	34.300	ug/L	97
49) Dibromochloromethane	11.128	129	88201	16.971	ug/L	96
50) 1,2-Dibromoethane	11.237	107	68478	15.793	ug/L	92
51) Chlorobenzene	11.652	112	263340	16.699	ug/L	98
52) Ethylbenzene	11.731	91	429879	16.153	ug/L	99
53) m,p-Xylene	11.841	106	169569	16.171	ug/L	100
54) o-Xylene	12.164	106	167869	16.683	ug/L	95
55) Styrene	12.176	104	297465	17.397	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	90138	16.713	ug/L	96
59) Bromoform	12.353	173	45056	15.748	ug/L	99
60) Isopropylbenzene	12.463	105	453872	16.411	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	65789	16.309	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	249649	16.225	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	377639	16.346	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	203165	16.453	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	206649	16.202	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	194333	17.198	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	14250	16.164	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	136189	16.615	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	103755	15.736	ug/L	99
71) Naphthalene	15.365	128	229842	16.039	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	97691	16.717	ug/L	99

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

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