

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023048.D
 Acq On : 16 May 2022 13:09
 Operator : SY/VA
 Sample : N2821-19MS
 Misc : 5.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXLD9MS

Quant Time: May 17 01:26:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 01:24:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	333607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	320681	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	114411	16.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.880%
7) Chloroethane-d5	2.885	69	95529	21.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	4.019	63	157611	17.822	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.280%
21) 2-Butanone-d5	7.074	46	73925	56.807	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.620%
24) Chloroform-d	7.647	84	238428	24.394	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	8.305	65	133259	24.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.440%
32) Benzene-d6	8.275	84	412928	22.340	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.360%
36) 1,2-Dichloropropane-d6	9.274	67	131944	25.412	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	10.323	98	379082	21.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	10.579	79	56487	23.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.520%
47) 2-Hexanone-d5	10.927	63	61934	62.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	142064	29.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	127480	23.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	50540	27.791	ug/L	91
3) Chloromethane	2.215	50	76837	21.864	ug/L	97
5) Vinyl chloride	2.361	62	142632	20.224	ug/L	96
6) Bromomethane	2.776	94	83929	18.534	ug/L	99
8) Chloroethane	2.916	64	78372	23.039	ug/L	95
9) Trichlorofluoromethane	3.251	101	56880	17.645	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	100790	20.911	ug/L	96
12) 1,1-Dichloroethene	4.038	96	85931	20.111	ug/L	92
13) Acetone	4.129	43	46400	47.624	ug/L	99
14) Carbon disulfide	4.385	76	178246	15.216	ug/L	100
15) Methyl Acetate	4.672	43	43106	22.022	ug/L	98
16) Methylene chloride	4.922	84	102373	20.972	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	98659	20.518	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	189108	25.763	ug/L	99
19) 1,1-Dichloroethane	6.214	63	189135	23.209	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	117775	22.804	ug/L #	97
22) 2-Butanone	7.171	43	75137	55.144	ug/L	96
23) Bromochloromethane	7.513	128	57200	23.649	ug/L	92
25) Chloroform	7.677	83	216200	23.993	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	147839	24.612	ug/L	97
29) Cyclohexane	7.958	56	131089	18.902	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	176510	23.292	ug/L	99
31) Carbon tetrachloride	8.061	117	157391	22.202	ug/L	99
33) Benzene	8.323	78	431065	22.818	ug/L	100
34) Trichloroethene	9.092	95	110945	21.355	ug/L	96
35) Methylcyclohexane	9.335	83	143769	16.845	ug/L	99
37) 1,2-Dichloropropane	9.366	63	109819	24.022	ug/L	99
38) Bromodichloromethane	9.646	83	160306	24.687	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	167278	23.598	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	154335	53.560	ug/L	99
42) Toluene	10.390	91	484927	22.905	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	152927	24.170	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	98506	25.775	ug/L	99
46) Tetrachloroethene	10.860	164	78705	20.158	ug/L	94
48) 2-Hexanone	10.969	43	113568	58.987	ug/L	95
49) Dibromochloromethane	11.128	129	112020	24.354	ug/L	86
50) 1,2-Dibromoethane	11.231	107	95695	24.937	ug/L	97
51) Chlorobenzene	11.658	112	314743	22.550	ug/L	95
52) Ethylbenzene	11.731	91	516003	21.907	ug/L	97
53) m,p-Xylene	11.841	106	205646	22.158	ug/L	97
54) o-Xylene	12.164	106	200728	22.539	ug/L	97
55) Styrene	12.176	104	339642	22.443	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120857	25.319	ug/L	95
59) Bromoform	12.347	173	60867	27.141	ug/L	98
60) Isopropylbenzene	12.463	105	523619	24.153	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90095	28.494	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	274186	22.733	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	426587	23.555	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	206753	21.361	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	205213	20.526	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	197477	22.296	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18086	26.172	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	101714	15.831	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	74257	14.368	ug/L	98
71) Naphthalene	15.365	128	207205	18.446	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	63035	13.761	ug/L	94

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

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