

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023144.D
 Acq On : 18 May 2022 21:16
 Operator : SY/VA
 Sample : N2848-17MSD
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY01MSD

Quant Time: May 19 04:31:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 04:23:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	226173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	186920	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	87328	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	59098	12.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.960%
7) Chloroethane-d5	2.879	69	51270	16.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.920%
11) 1,1-Dichloroethene-d2	4.013	63	89121	14.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.440%
21) 2-Butanone-d5	7.080	46	48161	54.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.180%
24) Chloroform-d	7.647	84	144359	21.786	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.160%
26) 1,2-Dichloroethane-d4	8.305	65	86998	23.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.760%
32) Benzene-d6	8.275	84	272202	25.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.040%
36) 1,2-Dichloropropane-d6	9.274	67	89194	29.472	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.880%
41) Toluene-d8	10.323	98	235714	22.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	10.579	79	30373	21.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.200%
47) 2-Hexanone-d5	10.927	63	37404	64.742	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.480%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	84158	29.834	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	78487	25.711	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10387	8.425	ug/L	98
3) Chloromethane	2.215	50	47170	19.798	ug/L	96
5) Vinyl chloride	2.361	62	75548	15.800	ug/L	99
6) Bromomethane	2.776	94	45873	14.942	ug/L	86
8) Chloroethane	2.916	64	42792	18.555	ug/L	99
9) Trichlorofluoromethane	3.257	101	42257	19.336	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	54876	16.793	ug/L	96
12) 1,1-Dichloroethene	4.038	96	47201	16.294	ug/L	95
13) Acetone	4.123	43	33484	50.692	ug/L	99
14) Carbon disulfide	4.385	76	89521	11.272	ug/L	97
15) Methyl Acetate	4.672	43	25496	19.213	ug/L #	71
16) Methylene chloride	4.909	84	64300	19.429	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	49676	15.239	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	118223	23.757	ug/L	99
19) 1,1-Dichloroethane	6.214	63	106062	19.197	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	63675	18.186	ug/L #	98
22) 2-Butanone	7.177	43	38838	42.043	ug/L	99
23) Bromochloromethane	7.519	128	31526	19.226	ug/L	87
25) Chloroform	7.677	83	125077	20.474	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	86873	21.332	ug/L #	95
29) Cyclohexane	7.958	56	74386	18.401	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	106666	24.148	ug/L	99
31) Carbon tetrachloride	8.067	117	95871	23.202	ug/L	99
33) Benzene	8.323	78	265144	24.079	ug/L	100
34) Trichloroethene	9.092	95	68350	22.570	ug/L	93
35) Methylcyclohexane	9.335	83	88185	17.726	ug/L	98
37) 1,2-Dichloropropane	9.366	63	67771	25.432	ug/L	99
38) Bromodichloromethane	9.646	83	95944	25.349	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	97385	23.569	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	85167	50.707	ug/L	97
42) Toluene	10.384	91	277412	22.480	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	76877	20.845	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	54726	24.567	ug/L	95
46) Tetrachloroethene	10.860	164	41873	18.399	ug/L	94
48) 2-Hexanone	10.969	43	58990	52.565	ug/L	97
49) Dibromochloromethane	11.128	129	62809	23.427	ug/L	97
50) 1,2-Dibromoethane	11.231	107	50579	22.612	ug/L	88
51) Chlorobenzene	11.658	112	166348	20.447	ug/L	99
52) Ethylbenzene	11.731	91	276523	20.141	ug/L	98
53) m,p-Xylene	11.841	106	106946	19.770	ug/L	96
54) o-Xylene	12.164	106	107258	20.662	ug/L	95
55) Styrene	12.176	104	183045	20.751	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	64076	23.029	ug/L	99
59) Bromoform	12.347	173	31599	25.533	ug/L	98
60) Isopropylbenzene	12.463	105	284006	23.739	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	48974	28.067	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	149384	22.444	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	233524	23.367	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	108990	20.405	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	111748	20.255	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	107051	21.902	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	9704	25.447	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	59935	16.904	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	42992	15.074	ug/L	98
71) Naphthalene	15.365	128	116845	18.849	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	38151	15.093	ug/L	97

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

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