

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023316.D
 Acq On : 25 May 2022 13:11
 Operator : SY/VA
 Sample : N2996-12MSD
 Misc : 4.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGT3MSD

Quant Time: May 26 01:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 01:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	295230	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	296924	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	92571	15.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.120%
7) Chloroethane-d5	2.885	69	71760	18.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.840%
11) 1,1-Dichloroethene-d2	4.025	63	145258	18.560	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.240%
21) 2-Butanone-d5	7.080	46	90875	78.909	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.820%#
24) Chloroform-d	7.653	84	210012	24.280	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	8.305	65	119594	25.210	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.840%
32) Benzene-d6	8.275	84	361599	21.128	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.520%
36) 1,2-Dichloropropane-d6	9.274	67	113934	23.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	10.323	98	342445	20.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.840%
43) trans-1,3-Dichloroprop...	10.579	79	54580	24.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.640%
47) 2-Hexanone-d5	10.921	63	78695	85.748	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.500%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	159798	35.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.640%#
66) 1,2-Dichlorobenzene-d4	13.847	152	147359	23.981	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	38696	24.044	ug/L	96
3) Chloromethane	2.215	50	93220	29.975	ug/L	96
5) Vinyl chloride	2.361	62	183782	29.445	ug/L	98
6) Bromomethane	2.776	94	75785	18.911	ug/L	96
8) Chloroethane	2.922	64	68826	22.863	ug/L	96
9) Trichlorofluoromethane	3.251	101	59106	20.719	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	106524	24.973	ug/L	98
12) 1,1-Dichloroethene	4.038	96	91553	24.212	ug/L	95
13) Acetone	4.123	43	49871	57.840	ug/L	97
14) Carbon disulfide	4.385	76	238896	23.045	ug/L	97
15) Methyl Acetate	4.666	43	46719	26.971	ug/L	99
16) Methylene chloride	4.916	84	103628	23.988	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	105914	24.891	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	193630	29.809	ug/L	99
19) 1,1-Dichloroethane	6.214	63	182338	25.283	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	284610	62.272	ug/L #	98
22) 2-Butanone	7.171	43	75737	62.810	ug/L	93
23) Bromochloromethane	7.513	128	58566	27.362	ug/L	89
25) Chloroform	7.677	83	206538	25.900	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	143717	27.036	ug/L	100
29) Cyclohexane	7.952	56	158889	24.743	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	178539	25.444	ug/L	98
31) Carbon tetrachloride	8.067	117	160665	24.477	ug/L	100
33) Benzene	8.323	78	431935	24.693	ug/L	100
34) Trichloroethene	9.092	95	187304	38.937	ug/L	96
35) Methylcyclohexane	9.335	83	192943	24.415	ug/L	99
37) 1,2-Dichloropropane	9.366	63	107150	25.313	ug/L	100
38) Bromodichloromethane	9.646	83	151683	25.228	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	169363	25.804	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	184915	69.307	ug/L	99
42) Toluene	10.384	91	498351	25.422	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	162644	27.763	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	101917	28.801	ug/L	98
46) Tetrachloroethene	10.860	164	91814	25.397	ug/L	86
48) 2-Hexanone	10.969	43	134617	75.514	ug/L	98
49) Dibromochloromethane	11.128	129	117401	27.566	ug/L	91
50) 1,2-Dibromoethane	11.231	107	101854	28.665	ug/L #	97
51) Chlorobenzene	11.658	112	329448	25.492	ug/L	99
52) Ethylbenzene	11.731	91	547273	25.094	ug/L	99
53) m,p-Xylene	11.835	106	221821	25.814	ug/L	99
54) o-Xylene	12.164	106	214161	25.971	ug/L	97
55) Styrene	12.176	104	371000	26.477	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	139477	31.557	ug/L	99
59) Bromoform	12.347	173	71777	28.812	ug/L	99
60) Isopropylbenzene	12.463	105	578285	24.013	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	102897	29.296	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	315045	23.515	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	475668	23.645	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	263624	24.519	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	261888	23.581	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	256834	26.104	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	24607	32.056	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	177569	24.880	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	148277	25.827	ug/L	99
71) Naphthalene	15.359	128	373334	29.919	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	138429	27.205	ug/L	97

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

