

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
 Data File : VW022935.D
 Acq On : 09 May 2022 17:16
 Operator : SY/VA
 Sample : N2714-03MS
 Misc : 4.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW2X5MS

Quant Time: May 09 23:00:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 09 22:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	317401	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	258508	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	89834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118533	18.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
7) Chloroethane-d5	2.885	69	92003	21.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
11) 1,1-Dichloroethene-d2	4.019	63	156772	18.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.520%
21) 2-Butanone-d5	7.080	46	51840	41.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.740%
24) Chloroform-d	7.647	84	206166	22.171	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.680%
26) 1,2-Dichloroethane-d4	8.305	65	108721	21.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.280%
32) Benzene-d6	8.275	84	379302	25.456	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.840%
36) 1,2-Dichloropropane-d6	9.274	67	111771	26.704	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.800%
41) Toluene-d8	10.323	98	329073	22.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	10.579	79	42768	22.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.760%
47) 2-Hexanone-d5	10.927	63	41517	51.961	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	88942	22.799	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	13.847	152	69120	22.011	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	30152	17.426	ug/L	94
3) Chloromethane	2.221	50	67612	20.222	ug/L	99
5) Vinyl chloride	2.361	62	126787	18.895	ug/L	97
6) Bromomethane	2.782	94	73335	17.022	ug/L	94
8) Chloroethane	2.922	64	67511	20.860	ug/L	97
9) Trichlorofluoromethane	3.257	101	60620	19.766	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	80734	17.605	ug/L	97
12) 1,1-Dichloroethene	4.044	96	77913	19.166	ug/L	88
13) Acetone	4.123	43	52018	56.116	ug/L	98
14) Carbon disulfide	4.385	76	162155	14.549	ug/L	99
15) Methyl Acetate	4.672	43	32287	17.337	ug/L	100
16) Methylene chloride	4.922	84	87917	18.930	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	84764	18.529	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	141923	20.322	ug/L	99
19) 1,1-Dichloroethane	6.214	63	156119	20.135	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	96956	19.732	ug/L #	94
22) 2-Butanone	7.171	43	52379	40.404	ug/L	99
23) Bromochloromethane	7.519	128	44435	19.310	ug/L	91
25) Chloroform	7.677	83	174138	20.311	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	109251	19.117	ug/L	100
29) Cyclohexane	7.958	56	92883	16.614	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	144060	23.582	ug/L	100
31) Carbon tetrachloride	8.067	117	113230	19.814	ug/L	99
33) Benzene	8.323	78	355051	23.314	ug/L	100
34) Trichloroethene	9.092	95	88808	21.205	ug/L	98
35) Methylcyclohexane	9.335	83	82889	12.047	ug/L	98
37) 1,2-Dichloropropane	9.366	63	85741	23.266	ug/L	99
38) Bromodichloromethane	9.646	83	110465	21.103	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	119967	20.994	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	98741	42.509	ug/L	99
42) Toluene	10.384	91	366473	21.473	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	106351	20.851	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	68897	22.363	ug/L	96
46) Tetrachloroethene	10.860	164	52759	16.763	ug/L	93
48) 2-Hexanone	10.969	43	73226	47.181	ug/L	99
49) Dibromochloromethane	11.128	129	73396	19.794	ug/L	94
50) 1,2-Dibromoethane	11.238	107	63403	20.495	ug/L	99
51) Chlorobenzene	11.658	112	217440	19.325	ug/L	97
52) Ethylbenzene	11.725	91	359281	18.922	ug/L	99
53) m,p-Xylene	11.835	106	135208	18.073	ug/L	90
54) o-Xylene	12.164	106	134992	18.803	ug/L	98
55) Styrene	12.176	104	216414	17.740	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	74344	19.320	ug/L	92
59) Bromoform	12.347	173	33326	26.177	ug/L	99
60) Isopropylbenzene	12.463	105	308682	25.082	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	56655	31.563	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	145860	21.303	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	232287	22.595	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	107613	19.585	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	111720	19.685	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	100550	19.998	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	9773	24.913	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	42155	11.558	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	30644	10.445	ug/L	97
71) Naphthalene	15.359	128	90385	14.174	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	25563	9.831	ug/L	99

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

