

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023444.D
 Acq On : 10 Jun 2022 13:41
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Jun 10 23:58:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 13:00:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	365430	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	354079	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	190950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	133757	23.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.160%
7) Chloroethane-d5	2.885	69	98794	23.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	4.025	63	178746	22.058	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.240%
21) 2-Butanone-d5	7.080	46	56778	47.900	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.800%
24) Chloroform-d	7.647	84	233287	23.191	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	8.305	65	126987	23.439	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.760%
32) Benzene-d6	8.275	84	433825	23.107	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	9.274	67	129480	23.409	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.640%
41) Toluene-d8	10.323	98	432268	23.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.280%
43) trans-1,3-Dichloroprop...	10.579	79	60878	24.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.440%
47) 2-Hexanone-d5	10.927	63	46806	52.957	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125054	24.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	158291	22.963	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	39537m	29.672	ug/L	
3) Chloromethane	2.215	50	112799	25.592	ug/L	99
5) Vinyl chloride	2.361	62	173287	25.226	ug/L	98
6) Bromomethane	2.776	94	95757	24.629	ug/L	90
8) Chloroethane	2.922	64	89376	24.560	ug/L	96
9) Trichlorofluoromethane	2.351	101	67126	21.667	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	106793	23.909	ug/L	95
12) 1,1-Dichloroethene	4.038	96	94075	23.643	ug/L	94
13) Acetone	4.123	43	36574	42.826	ug/L	91
14) Carbon disulfide	4.385	76	286286	23.389	ug/L	100
15) Methyl Acetate	4.672	43	45571	23.901	ug/L	96
16) Methylene chloride	4.915	84	111282	22.501	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	114634	24.333	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	185397	26.147	ug/L	99
19) 1,1-Dichloroethane	6.214	63	201258	23.850	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	123971	24.062	ug/L #	96
22) 2-Butanone	7.171	43	60737	46.465	ug/L	99
23) Bromochloromethane	7.513	128	57581	24.260	ug/L	94
25) Chloroform	7.677	83	227692	23.910	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	154035	24.457	ug/L	99
29) Cyclohexane	7.958	56	171337	24.025	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	194519	23.733	ug/L	98
31) Carbon tetrachloride	8.073	117	174144	23.063	ug/L	100
33) Benzene	8.323	78	490225	23.967	ug/L	100
34) Trichloroethene	9.092	95	126690	23.109	ug/L	97
35) Methylcyclohexane	9.335	83	210455	23.711	ug/L	98
37) 1,2-Dichloropropane	9.366	63	118353	23.678	ug/L	99
38) Bromodichloromethane	9.646	83	171271	24.362	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	191248	24.968	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	147704	51.808	ug/L	98
42) Toluene	10.390	91	557788	24.408	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	175173	25.344	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	97837	23.828	ug/L	99
46) Tetrachloroethene	10.866	164	98742	23.331	ug/L	87
48) 2-Hexanone	10.969	43	104348	54.158	ug/L	95
49) Dibromochloromethane	11.128	129	123293	25.640	ug/L	100
50) 1,2-Dibromoethane	11.238	107	94088	24.513	ug/L	94
51) Chlorobenzene	11.658	112	361884	23.464	ug/L	98
52) Ethylbenzene	11.731	91	635184	24.456	ug/L	98
53) m,p-Xylene	11.835	106	250505	24.781	ug/L	91
54) o-Xylene	12.164	106	242224	25.075	ug/L	96
55) Styrene	12.176	104	426836	25.413	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	126595	25.389	ug/L	93
59) Bromoform	12.347	173	64830	23.885	ug/L	97
60) Isopropylbenzene	12.463	105	659505	24.129	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90564	24.926	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	549063	24.562	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	544499	24.340	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	284626	23.473	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	298063	24.074	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	272297	24.518	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	20058	25.002	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	185962	23.471	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	141268	22.898	ug/L	95
71) Naphthalene	15.359	128	329077	27.115	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	131101	24.444	ug/L	97

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

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