

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061422\
 Data File : VW023487.D
 Acq On : 14 Jun 2022 15:50
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Jun 15 02:15:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 15 02:14:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	337699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	330933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	127696	23.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.200%
7) Chloroethane-d5	2.885	69	95885	24.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.240%
11) 1,1-Dichloroethene-d2	4.019	63	166896	22.287	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.160%
21) 2-Butanone-d5	7.080	46	58813	53.691	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.380%
24) Chloroform-d	7.647	84	216922	23.335	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	8.305	65	111195	22.210	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.840%
32) Benzene-d6	8.275	84	395668	22.549	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	9.274	67	121245	23.453	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	10.323	98	387822	22.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	10.573	79	53440	22.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.927	63	47302	57.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120124	24.879	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	144513	21.920	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	55120	44.764	ug/L	93
3) Chloromethane	2.215	50	111364	27.341	ug/L	98
5) Vinyl chloride	2.361	62	161785	25.486	ug/L	97
6) Bromomethane	2.776	94	79013	21.991	ug/L	91
8) Chloroethane	2.916	64	84549	25.142	ug/L	95
9) Trichlorofluoromethane	3.251	101	69299	24.205	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	106011	25.683	ug/L	98
12) 1,1-Dichloroethene	4.044	96	87551	23.810	ug/L	93
13) Acetone	4.123	43	37943	48.078	ug/L	100
14) Carbon disulfide	4.385	76	250555	22.151	ug/L	98
15) Methyl Acetate	4.672	43	42530	24.137	ug/L	97
16) Methylene chloride	4.915	84	104547	22.875	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	102019	23.433	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	159599	24.357	ug/L	99
19) 1,1-Dichloroethane	6.214	63	182026	23.342	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	110734	23.258	ug/L #	99
22) 2-Butanone	7.171	43	60474	50.063	ug/L	98
23) Bromochloromethane	7.519	128	51343	23.409	ug/L	88
25) Chloroform	7.677	83	204373	23.223	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	131043	22.515	ug/L	97
29) Cyclohexane	7.958	56	152050	22.812	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	175796	22.949	ug/L	98
31) Carbon tetrachloride	8.073	117	161812	22.929	ug/L	100
33) Benzene	8.323	78	434806	22.744	ug/L	100
34) Trichloroethene	9.091	95	112981	22.049	ug/L	96
35) Methylcyclohexane	9.335	83	188088	22.673	ug/L	97
37) 1,2-Dichloropropane	9.366	63	104779	22.428	ug/L	100
38) Bromodichloromethane	9.646	83	150373	22.885	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	166003	23.188	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	136161	51.099	ug/L	99
42) Toluene	10.390	91	490124	22.947	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	149301	23.112	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	87355	22.763	ug/L	98
46) Tetrachloroethene	10.859	164	91843	23.218	ug/L	83
48) 2-Hexanone	10.969	43	92011	51.095	ug/L	99
49) Dibromochloromethane	11.128	129	106871	23.779	ug/L	92
50) 1,2-Dibromoethane	11.231	107	85297	23.777	ug/L	96
51) Chlorobenzene	11.658	112	328366	22.780	ug/L	99
52) Ethylbenzene	11.731	91	553546	22.803	ug/L	99
53) m,p-Xylene	11.835	106	217476	23.019	ug/L	97
54) o-Xylene	12.164	106	210328	23.296	ug/L	99
55) Styrene	12.176	104	364011	23.188	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	112121	24.059	ug/L	99
59) Bromoform	12.353	173	58375	22.487	ug/L	98
60) Isopropylbenzene	12.463	105	570245	21.814	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	80045	23.035	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	483327	22.606	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	482028	22.529	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	255998	22.074	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	260583	22.005	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	242863	22.864	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18111	23.603	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	171459	22.626	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	126404	21.422	ug/L	94
71) Naphthalene	15.359	128	280815	24.192	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	123903	24.154	ug/L	97

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

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