

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023392.D
 Acq On : 03 Jun 2022 14:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025561

Quant Time: Jun 03 23:35:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	402815	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	376557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201258	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129568	21.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.000%
7) Chloroethane-d5	2.885	69	92448	22.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.560%
11) 1,1-Dichloroethene-d2	4.019	63	198696	21.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.800%
21) 2-Butanone-d5	7.080	46	54928	44.931	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.860%
24) Chloroform-d	7.647	84	243784	22.983	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.305	65	130069	23.412	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.640%
32) Benzene-d6	8.275	84	467573	23.110	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	9.274	67	137031	23.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.680%
41) Toluene-d8	10.323	98	445889	23.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.440%
43) trans-1,3-Dichloroprop...	10.573	79	60481	23.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.640%
47) 2-Hexanone-d5	10.920	63	45335	48.752	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122633	24.020	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	165583	23.276	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	42589	26.410	ug/L	97
3) Chloromethane	2.221	50	122209	24.568	ug/L	99
5) Vinyl chloride	2.361	62	180840	23.355	ug/L	99
6) Bromomethane	2.782	94	86324	22.838	ug/L	96
8) Chloroethane	2.922	64	81299	22.966	ug/L	94
9) Trichlorofluoromethane	3.257	101	117862	32.224	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117894	22.245	ug/L	97
12) 1,1-Dichloroethene	4.044	96	105168	22.781	ug/L	82
13) Acetone	4.117	43	35142	39.129	ug/L	97
14) Carbon disulfide	4.379	76	332809	21.583	ug/L	98
15) Methyl Acetate	4.672	43	44491	22.553	ug/L	95
16) Methylene chloride	4.915	84	124166	21.519	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	123475	22.927	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	183645	23.163	ug/L	99
19) 1,1-Dichloroethane	6.214	63	210465	23.070	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	131095	23.180	ug/L #	100
22) 2-Butanone	7.171	43	58901	44.115	ug/L	99
23) Bromochloromethane	7.513	128	61672	23.051	ug/L	86
25) Chloroform	7.677	83	232058	23.241	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	149226	23.213	ug/L	96
29) Cyclohexane	7.952	56	188837	23.479	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	200577	23.016	ug/L	99
31) Carbon tetrachloride	8.067	117	184153	22.468	ug/L	98
33) Benzene	8.323	78	511629	23.719	ug/L	100
34) Trichloroethene	9.092	95	134585	23.038	ug/L	99
35) Methylcyclohexane	9.335	83	231571	23.927	ug/L	98
37) 1,2-Dichloropropane	9.366	63	119947	23.603	ug/L	99
38) Bromodichloromethane	9.646	83	169471	23.560	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	189527	23.744	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	132375	45.974	ug/L	97
42) Toluene	10.384	91	576026	24.038	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	169854	23.781	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94610	22.739	ug/L	96
46) Tetrachloroethene	10.860	164	107803	23.045	ug/L	87
48) 2-Hexanone	10.969	43	90541	47.036	ug/L	97
49) Dibromochloromethane	11.128	129	115566	22.635	ug/L	97
50) 1,2-Dibromoethane	11.231	107	94224	23.231	ug/L #	98
51) Chlorobenzene	11.658	112	374765	23.685	ug/L	99
52) Ethylbenzene	11.731	91	651651	24.763	ug/L	97
53) m,p-Xylene	11.841	106	255279	24.497	ug/L	96
54) o-Xylene	12.164	106	244201	24.494	ug/L	99
55) Styrene	12.176	104	421880	24.829	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	114167	23.232	ug/L	91
59) Bromoform	12.347	173	63024	21.332	ug/L	97
60) Isopropylbenzene	12.463	105	665173	24.098	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	80768	22.326	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	562282	24.862	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	441628	25.153	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	299540	23.870	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	296406	23.107	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	264198	23.293	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	16930	21.010	ug/L	84
69) 1,3,5-Trichlorobenzene	14.621	180	199875	24.118	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	160236	24.335	ug/L	99
71) Naphthalene	15.365	128	312920	25.242	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	138684	24.333	ug/L	99

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

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