

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023964.D
 Acq On : 21 Jul 2022 02:45
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

Quant Time: Jul 21 03:52:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 21 00:18:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	292597	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	293806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	162071	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	119049	15.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.720%
7) Chloroethane-d5	2.879	69	81181	16.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.120%
11) 1,1-Dichloroethene-d2	4.013	63	106457	17.494	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.960%
21) 2-Butanone-d5	7.080	46	51574	44.492	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.980%
24) Chloroform-d	7.647	84	183052	21.488	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.960%
26) 1,2-Dichloroethane-d4	8.305	65	100386	19.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.080%
32) Benzene-d6	8.275	84	327652	21.453	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	9.274	67	98836	21.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.920%
41) Toluene-d8	10.323	98	307999	19.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.520%
43) trans-1,3-Dichloroprop...	10.579	79	39209	18.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.720%
47) 2-Hexanone-d5	10.921	63	42298	43.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	108460	21.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	121424	20.987	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	55537	27.931	ug/L	100
3) Chloromethane	2.215	50	104404	21.441	ug/L	98
5) Vinyl chloride	2.355	62	158774	18.989	ug/L	96
6) Bromomethane	2.770	94	82313	15.220	ug/L	98
8) Chloroethane	2.910	64	72476	18.528	ug/L	99
9) Trichlorofluoromethane	3.245	101	60446	15.903	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	77020	20.706	ug/L	99
12) 1,1-Dichloroethene	4.032	96	62062	20.009	ug/L	92
13) Acetone	4.123	43	32415	39.552	ug/L	91
14) Carbon disulfide	4.379	76	161939	17.749	ug/L	98
15) Methyl Acetate	4.672	43	39606	21.593	ug/L	99
16) Methylene chloride	4.909	84	108747	23.768	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	87245	23.184	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	137577	23.630	ug/L	99
19) 1,1-Dichloroethane	6.214	63	171031	24.638	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	102276	24.532	ug/L #	90
22) 2-Butanone	7.171	43	60340	44.802	ug/L	98
23) Bromochloromethane	7.513	128	48917	24.425	ug/L	92
25) Chloroform	7.671	83	198067	24.767	ug/L	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	130022	22.091	ug/L	100
29) Cyclohexane	7.952	56	121097	22.536	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	153306	24.099	ug/L	99
31) Carbon tetrachloride	8.067	117	136640	23.827	ug/L	98
33) Benzene	8.317	78	402274	24.094	ug/L	100
34) Trichloroethene	9.092	95	102849	23.327	ug/L	93
35) Methylcyclohexane	9.335	83	153808	22.910	ug/L	96
37) 1,2-Dichloropropane	9.366	63	104824	25.043	ug/L	100
38) Bromodichloromethane	9.646	83	149531	25.596	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	141344	22.403	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	141965	48.739	ug/L	96
42) Toluene	10.384	91	459703	24.143	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	130567	21.774	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	88870	24.281	ug/L	97
46) Tetrachloroethene	10.860	164	76848	22.542	ug/L	93
48) 2-Hexanone	10.969	43	101886	48.043	ug/L	98
49) Dibromochloromethane	11.128	129	106545	25.102	ug/L	92
50) 1,2-Dibromoethane	11.231	107	85422	24.293	ug/L	93
51) Chlorobenzene	11.652	112	304044	23.676	ug/L	97
52) Ethylbenzene	11.725	91	508799	23.515	ug/L	98
53) m,p-Xylene	11.835	106	201131	23.825	ug/L	98
54) o-Xylene	12.164	106	197002	24.299	ug/L	96
55) Styrene	12.176	104	353566	24.685	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	117389	23.514	ug/L #	96
59) Bromoform	12.347	173	59853	25.045	ug/L	97
60) Isopropylbenzene	12.463	105	526621	24.189	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	85488	24.056	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	443764	24.897	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	438626	24.614	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	242206	24.503	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	254118	24.164	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	229663	24.636	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	18642	22.744	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	149779	22.893	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	119059	23.566	ug/L	97
71) Naphthalene	15.359	128	259302	23.927	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	111517	23.682	ug/L	98

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

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