

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022222\
 Data File : VW022102.D
 Acq On : 22 Feb 2022 15:55
 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: Feb 23 04:35:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	139289	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	130944	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76987	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	38400	22.887	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.560%
7) Chloroethane-d5	2.873	69	31515	24.399	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	4.013	63	60444	20.391	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.560%
21) 2-Butanone-d5	7.080	46	17003	57.136	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.280%
24) Chloroform-d	7.647	84	77885	24.034	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.120%
26) 1,2-Dichloroethane-d4	8.305	65	39821	24.698	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	8.268	84	143940	21.753	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	9.274	67	40697	22.611	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.440%
41) Toluene-d8	10.323	98	141101	21.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.080%
43) trans-1,3-Dichloroprop...	10.573	79	18321	23.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.960%
47) 2-Hexanone-d5	10.920	63	15869	60.643	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.280%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40848	27.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	57719	20.783	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	14089	43.425	ug/L	99
3) Chloromethane	2.209	50	40794	27.868	ug/L	99
5) Vinyl chloride	2.355	62	59979	28.528	ug/L	98
6) Bromomethane	2.769	94	47242	26.425	ug/L	98
8) Chloroethane	2.910	64	30761	28.473	ug/L	97
9) Trichlorofluoromethane	3.251	101	33430	21.062	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	44246	26.311	ug/L	98
12) 1,1-Dichloroethene	4.031	96	38678	24.923	ug/L	97
13) Acetone	4.135	43	13252	47.681	ug/L	98
14) Carbon disulfide	4.373	76	97707	21.584	ug/L	99
15) Methyl Acetate	4.672	43	15067	29.646	ug/L #	80
16) Methylene chloride	4.909	84	42930	26.450	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	44016	25.434	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	62503	28.167	ug/L	99
19) 1,1-Dichloroethane	6.214	63	72696	27.112	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	47535	26.767	ug/L	97
22) 2-Butanone	7.165	43	20673	57.450	ug/L	98
23) Bromochloromethane	7.513	128	23974	27.416	ug/L	93
25) Chloroform	7.677	83	83605	27.547	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	53120	29.734	ug/L	95
29) Cyclohexane	7.958	56	62962	24.495	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	72877	25.149	ug/L	98
31) Carbon tetrachloride	8.067	117	70916	25.002	ug/L	98
33) Benzene	8.323	78	174642	25.438	ug/L	100
34) Trichloroethene	9.091	95	49264	25.238	ug/L	94
35) Methylcyclohexane	9.335	83	80204	24.355	ug/L	98
37) 1,2-Dichloropropane	9.366	63	41765	27.698	ug/L	98
38) Bromodichloromethane	9.640	83	60994	28.325	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	67039	27.719	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	46700	63.123	ug/L	99
42) Toluene	10.384	91	203725	26.178	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	60439	28.989	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	37057	28.914	ug/L	96
46) Tetrachloroethene	10.859	164	42469	23.342	ug/L	90
48) 2-Hexanone	10.969	43	33019	59.963	ug/L	97
49) Dibromochloromethane	11.128	129	46018	28.513	ug/L	100
50) 1,2-Dibromoethane	11.231	107	36354	28.650	ug/L	97
51) Chlorobenzene	11.658	112	140108	26.453	ug/L	96
52) Ethylbenzene	11.725	91	228852	26.652	ug/L	99
53) m,p-Xylene	11.835	106	94621	26.560	ug/L	98
54) o-Xylene	12.164	106	87388	26.222	ug/L	85
55) Styrene	12.176	104	152062	28.248	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	43049	30.859	ug/L	93
59) Bromoform	12.347	173	27742	27.284	ug/L #	94
60) Isopropylbenzene	12.463	105	246528	24.509	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	30809	27.470	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	170724	25.592	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	201523	24.795	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	116588	24.192	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	118313	24.526	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	105141	24.547	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6488	28.434	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	84400	24.359	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	64964	23.605	ug/L	96
71) Naphthalene	15.359	128	127648	28.428	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	59795	25.420	ug/L	94

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

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