

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031622\
 Data File : VW022353.D
 Acq On : 16 Mar 2022 12:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

Quant Time: Mar 17 00:13:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 16 05:30:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	137649	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	133612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37266	20.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
7) Chloroethane-d5	2.879	69	32503	23.009	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
11) 1,1-Dichloroethene-d2	4.013	63	52973	19.267	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.080%
21) 2-Butanone-d5	7.074	46	18540	61.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.840%
24) Chloroform-d	7.647	84	73968	24.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.320%
26) 1,2-Dichloroethane-d4	8.305	65	38136	23.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.560%
32) Benzene-d6	8.268	84	133679	21.498	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	9.274	67	40061	23.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.323	98	132560	21.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.760%
43) trans-1,3-Dichloroprop...	10.573	79	17561	22.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.920	63	16504	58.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42966	28.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	58330	22.407	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	12111	31.482	ug/L	95
3) Chloromethane	2.215	50	29134	22.101	ug/L	99
5) Vinyl chloride	2.355	62	46936	23.697	ug/L	98
6) Bromomethane	2.769	94	34136	24.677	ug/L	91
8) Chloroethane	2.910	64	29441	26.460	ug/L	98
9) Trichlorofluoromethane	3.251	101	27216	20.239	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	41480	25.283	ug/L	95
12) 1,1-Dichloroethene	4.038	96	32696	22.994	ug/L	97
13) Acetone	4.123	43	14084	57.125	ug/L	96
14) Carbon disulfide	4.379	76	59824	16.228	ug/L	98
15) Methyl Acetate	4.665	43	15732	28.343	ug/L	97
16) Methylene chloride	4.915	84	39970	23.657	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	36109	23.121	ug/L	91
18) Methyl tert-butyl Ether	5.421	73	64724	30.461	ug/L	99
19) 1,1-Dichloroethane	6.214	63	69956	27.668	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	44821	26.493	ug/L	97
22) 2-Butanone	7.171	43	22083	62.352	ug/L	95
23) Bromochloromethane	7.506	128	22383	27.083	ug/L	94
25) Chloroform	7.671	83	82984	28.129	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	49973	27.502	ug/L	99
29) Cyclohexane	7.951	56	47440	21.335	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	67913	25.264	ug/L	100
31) Carbon tetrachloride	8.067	117	64454	25.229	ug/L	100
33) Benzene	8.323	78	160852	24.900	ug/L	100
34) Trichloroethene	9.091	95	44216	23.906	ug/L	93
35) Methylcyclohexane	9.335	83	63687	22.261	ug/L	99
37) 1,2-Dichloropropane	9.366	63	40654	26.976	ug/L	98
38) Bromodichloromethane	9.646	83	62055	28.714	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	63281	27.624	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	50222	61.709	ug/L	100
42) Toluene	10.384	91	185691	25.398	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	57239	27.805	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	37843	28.318	ug/L	98
46) Tetrachloroethene	10.859	164	37950	23.422	ug/L	92
48) 2-Hexanone	10.963	43	36324	64.307	ug/L	96
49) Dibromochloromethane	11.128	129	48250	29.724	ug/L	99
50) 1,2-Dibromoethane	11.231	107	35427	27.485	ug/L	96
51) Chlorobenzene	11.658	112	135431	26.616	ug/L	97
52) Ethylbenzene	11.731	91	213999	26.447	ug/L	97
53) m,p-Xylene	11.835	106	89563	26.900	ug/L	93
54) o-Xylene	12.164	106	87397	27.897	ug/L	98
55) Styrene	12.176	104	150684	28.691	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	48016	30.967	ug/L	100
59) Bromoform	12.347	173	29728	27.736	ug/L #	98
60) Isopropylbenzene	12.463	105	238331	24.496	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	33705	26.348	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	167897	25.951	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	203959	25.796	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	123305	25.548	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	120606	24.936	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	108597	25.307	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	7502	27.741	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.621	180	84443	24.376	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	72204	27.547	ug/L	98
71) Naphthalene	15.359	128	135500	29.284	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	63557	28.034	ug/L	98

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

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