

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
 Data File : VW019693.D
 Acq On : 05 Aug 2021 20:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025504

Quant Time: Aug 06 01:41:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 06 01:35:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	415607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	400176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	212076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	103711	17.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.440%
7) Chloroethane-d5	2.897	69	92950	22.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	4.031	63	233430	20.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.160%
21) 2-Butanone-d5	7.080	46	85274	49.893	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.780%
24) Chloroform-d	7.653	84	279330	24.324	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.280%
26) 1,2-Dichloroethane-d4	8.305	65	159138	25.252	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	8.275	84	506675	21.270	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.080%
36) 1,2-Dichloropropane-d6	9.274	67	160496	21.617	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.480%
41) Toluene-d8	10.323	98	461043	21.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.880%
43) trans-1,3-Dichloroprop...	10.579	79	68557	21.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.240%
47) 2-Hexanone-d5	10.927	63	68251	49.549	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	153591	25.601	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	171311	22.895	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	100243	20.248	ug/L	100
3) Chloromethane	2.221	50	102394	20.155	ug/L	98
5) Vinyl chloride	2.367	62	156458	22.376	ug/L	97
6) Bromomethane	2.788	94	101205	26.177	ug/L	98
8) Chloroethane	2.934	64	97666	26.242	ug/L	94
9) Trichlorofluoromethane	3.269	101	121597	28.627	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	137559	25.318	ug/L	97
12) 1,1-Dichloroethene	4.050	96	128837	23.745	ug/L	97
13) Acetone	4.123	43	58856	46.735	ug/L	89
14) Carbon disulfide	4.391	76	391563	22.536	ug/L	100
15) Methyl Acetate	4.672	43	67903	24.226	ug/L	99
16) Methylene chloride	4.922	84	202820	24.479	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	143246	24.277	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	215418	26.425	ug/L	98
19) 1,1-Dichloroethane	6.220	63	272754	25.178	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	155248	24.877	ug/L	98
22) 2-Butanone	7.171	43	89874	46.121	ug/L	96
23) Bromochloromethane	7.519	128	70289	25.009	ug/L	87
25) Chloroform	7.677	83	285386	26.632	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	199703	27.699	ug/L	100
29) Cyclohexane	7.964	56	224145	21.842	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	220057	26.644	ug/L	99
31) Carbon tetrachloride	8.073	117	199807	26.002	ug/L	100
33) Benzene	8.329	78	612879	24.468	ug/L	100
34) Trichloroethene	9.091	95	152129	23.796	ug/L	95
35) Methylcyclohexane	9.335	83	261450	23.111	ug/L	96
37) 1,2-Dichloropropane	9.372	63	154606	24.357	ug/L	99
38) Bromodichloromethane	9.646	83	206882	26.284	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	235525	24.263	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	194658	48.588	ug/L	97
42) Toluene	10.390	91	660775	25.310	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	214475	25.118	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	118798	25.153	ug/L	96
46) Tetrachloroethene	10.866	164	112743	23.139	ug/L	95
48) 2-Hexanone	10.969	43	138636	50.807	ug/L	97
49) Dibromochloromethane	11.128	129	135898	26.756	ug/L	98
50) 1,2-Dibromoethane	11.237	107	111891	24.700	ug/L	95
51) Chlorobenzene	11.658	112	413020	25.158	ug/L	97
52) Ethylbenzene	11.731	91	712800	25.079	ug/L	95
53) m,p-Xylene	11.841	106	276836	25.773	ug/L	97
54) o-Xylene	12.164	106	262971	25.908	ug/L	93
55) Styrene	12.182	104	468764	26.654	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	150547	25.883	ug/L	98
59) Bromoform	12.347	173	72643	23.998	ug/L	99
60) Isopropylbenzene	12.463	105	708718	24.866	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	113533	24.438	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	597091	25.020	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	602072	25.039	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	320335	24.561	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	320837	24.895	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	298376	25.394	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24991	24.651	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	212708	22.320	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	175513	22.028	ug/L	98
71) Naphthalene	15.365	128	404342	25.126	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	169438	23.746	ug/L	98

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

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