

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
 Data File : VW020660.D
 Acq On : 21 Oct 2021 11:12
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV406

Quant Time: Oct 22 01:50:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 09:44:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	219398	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	203432	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	101768	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	74920	24.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
7) Chloroethane-d5	2.879	69	36922	31.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.760%
11) 1,1-Dichloroethene-d2	4.019	63	146220	25.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.080%
21) 2-Butanone-d5	7.080	46	41752	41.857	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.720%
24) Chloroform-d	7.647	84	150835	23.664	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	8.305	65	87374	23.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.440%
32) Benzene-d6	8.275	84	293087	24.859	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.440%
36) 1,2-Dichloropropane-d6	9.274	67	92907	24.255	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	10.323	98	270843	25.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.360%
43) trans-1,3-Dichloroprop...	10.579	79	39620	24.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.080%
47) 2-Hexanone-d5	10.927	63	31139	45.370	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.740%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	69073	21.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	85517	24.621	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	26219	17.419	ug/L	100
3) Chloromethane	2.209	50	68074	22.785	ug/L	96
5) Vinyl chloride	2.355	62	86957	22.724	ug/L	99
6) Bromomethane	2.769	94	32659	22.381	ug/L	99
8) Chloroethane	2.916	64	32319	30.165	ug/L	95
9) Trichlorofluoromethane	3.251	101	44068	28.811	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	72015	23.155	ug/L	97
12) 1,1-Dichloroethene	4.038	96	66879	23.832	ug/L	97
13) Acetone	4.129	43	47815	52.617	ug/L	95
14) Carbon disulfide	4.379	76	216884	23.530	ug/L	100
15) Methyl Acetate	4.672	43	37708	20.838	ug/L	98
16) Methylene chloride	4.909	84	76295	19.282	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	71691	23.308	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	111353	24.511	ug/L	99
19) 1,1-Dichloroethane	6.214	63	145846	22.981	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	76696	24.286	ug/L	97
22) 2-Butanone	7.171	43	57547	47.513	ug/L	100
23) Bromochloromethane	7.519	128	33279	22.990	ug/L	90
25) Chloroform	7.677	83	142573	22.906	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	100234	22.504	ug/L	98
29) Cyclohexane	7.958	56	144107	25.683	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	112940	23.667	ug/L	99
31) Carbon tetrachloride	8.067	117	99619	23.545	ug/L	100
33) Benzene	8.323	78	321258	23.124	ug/L	100
34) Trichloroethene	9.091	95	77170	23.140	ug/L	96
35) Methylcyclohexane	9.335	83	142388	24.965	ug/L	99
37) 1,2-Dichloropropane	9.372	63	83754	23.677	ug/L	99
38) Bromodichloromethane	9.646	83	99865	23.141	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	122108	24.904	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	106259	44.585	ug/L	100
42) Toluene	10.384	91	332146	24.322	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	108051	24.337	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	54875	22.769	ug/L	97
46) Tetrachloroethene	10.866	164	58717	23.438	ug/L	96
48) 2-Hexanone	10.969	43	86832	48.718	ug/L	99
49) Dibromochloromethane	11.128	129	60829	23.186	ug/L	97
50) 1,2-Dibromoethane	11.231	107	50087	22.490	ug/L	100
51) Chlorobenzene	11.658	112	198103	23.352	ug/L	98
52) Ethylbenzene	11.731	91	371400	24.967	ug/L	97
53) m,p-Xylene	11.835	106	134784	24.551	ug/L	98
54) o-Xylene	12.164	106	127835	24.989	ug/L	92
55) Styrene	12.182	104	226257	25.191	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	66487	21.634	ug/L	99
59) Bromoform	12.347	173	32959	22.223	ug/L	98
60) Isopropylbenzene	12.463	105	354276	25.817	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	50563	21.749	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	298419	26.642	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	304246	27.160	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	149388	24.644	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	150889	24.063	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	131971	23.979	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	11017	21.069	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	103622	24.464	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	83943	24.738	ug/L	95
71) Naphthalene	15.365	128	162063	24.676	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	73466	23.763	ug/L	100

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

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