

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021671.D
 Acq On : 28 Dec 2021 13:10
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV443

Quant Time: Dec 29 00:17:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 12:18:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	103273	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	102423	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	60874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48923	24.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.120%
7) Chloroethane-d5	2.885	69	32646	23.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	4.019	63	68960	23.143	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.560%
21) 2-Butanone-d5	7.086	46	13916	46.714	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.420%
24) Chloroform-d	7.647	84	74415	23.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.280%
26) 1,2-Dichloroethane-d4	8.305	65	40255	23.632	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.520%
32) Benzene-d6	8.275	84	140394	23.085	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	9.274	67	38569	23.378	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.520%
41) Toluene-d8	10.323	98	139741	23.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	10.579	79	19299	24.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.160%
47) 2-Hexanone-d5	10.927	63	11986	47.904	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.800%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	33329	24.504	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	55091	23.666	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	16418	26.811	ug/L	98
3) Chloromethane	2.209	50	38372	24.260	ug/L	98
5) Vinyl chloride	2.355	62	53030	22.733	ug/L	96
6) Bromomethane	2.776	94	37559	24.745	ug/L	99
8) Chloroethane	2.922	64	25398	22.848	ug/L	100
9) Trichlorofluoromethane	3.257	101	41823	29.798	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	38043	22.255	ug/L	89
12) 1,1-Dichloroethene	4.031	96	34827	22.780	ug/L	79
13) Acetone	4.147	43	11105	43.904	ug/L	97
14) Carbon disulfide	4.379	76	102680	23.209	ug/L	100
15) Methyl Acetate	4.678	43	11679	24.200	ug/L	# 88
16) Methylene chloride	4.909	84	36649	19.879	ug/L	81
17) trans-1,2-Dichloroethene	5.421	96	37581	23.269	ug/L	84
18) Methyl tert-butyl Ether	5.434	73	53978	24.002	ug/L	94
19) 1,1-Dichloroethane	6.214	63	58121	23.066	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	38694	23.080	ug/L	73
22) 2-Butanone	7.177	43	15519	45.131	ug/L	87
23) Bromochloromethane	7.513	128	19033	23.486	ug/L	# 65
25) Chloroform	7.677	83	67018	23.057	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	43826	23.246	ug/L	98
29) Cyclohexane	7.958	56	53273	22.492	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	60872	22.525	ug/L	95
31) Carbon tetrachloride	8.067	117	59594	22.678	ug/L	97
33) Benzene	8.323	78	143105	22.899	ug/L	100
34) Trichloroethene	9.092	95	40798	22.997	ug/L	92
35) Methylcyclohexane	9.335	83	65534	22.389	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	32092	23.171	ug/L #	96
38) Bromodichloromethane	9.646	83	50375	23.830	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	55014	24.311	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	35617	46.683	ug/L #	91
42) Toluene	10.384	91	163576	22.675	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	49087	24.143	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	26567	23.094	ug/L	96
46) Tetrachloroethene	10.859	164	36515	21.979	ug/L	95
48) 2-Hexanone	10.969	43	25792	49.779	ug/L #	95
49) Dibromochloromethane	11.128	129	37511	24.269	ug/L	99
50) 1,2-Dibromoethane	11.237	107	26879	23.265	ug/L #	88
51) Chlorobenzene	11.658	112	110327	23.703	ug/L	89
52) Ethylbenzene	11.731	91	183742	22.690	ug/L	94
53) m,p-Xylene	11.841	106	74962	23.103	ug/L	90
54) o-Xylene	12.164	106	68629	22.316	ug/L	93
55) Styrene	12.176	104	123864	23.452	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	30748	24.163	ug/L #	98
59) Bromoform	12.347	173	22555	25.388	ug/L #	96
60) Isopropylbenzene	12.463	105	196177	23.118	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	22228	23.862	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	166110	23.154	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	166025	23.298	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	92302	23.038	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	91742	22.964	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	77518	22.161	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4976	24.260	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	70114	23.822	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	52905	22.520	ug/L	97
71) Naphthalene	15.359	128	94149	24.631	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	44569	22.537	ug/L	98

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

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