

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012221\
 Data File : VW017981.D
 Acq On : 22 Jan 2021 16:44
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

Quant Time: Jan 22 17:18:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM012221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 22 16:44:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	331482	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	309237	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	163667	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136495	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
7) Chloroethane-d5	2.885	69	118992	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.72%
11) 1,1-Dichloroethene-d2	4.025	63	241389	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.60%
21) 2-Butanone-d5	7.080	46	72957	51.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.14%
24) Chloroform-d	7.647	84	251648	25.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	8.305	65	144367	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.52%
32) Benzene-d6	8.275	84	477063	25.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.36%
36) 1,2-Dichloropropane-d6	9.274	67	136608	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
41) Toluene-d8	10.323	98	452224	25.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.92%
43) trans-1,3-Dichloroprop...	10.579	79	63418	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.80%
47) 2-Hexanone-d5	10.927	63	52733	56.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.14%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	133626	26.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.12%
66) 1,2-Dichlorobenzene-d4	13.853	152	154815	25.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	110529	26.42	ug/L	98
3) Chloromethane	2.209	50	99894	23.84	ug/L	100
5) Vinyl chloride	2.361	62	158749	25.34	ug/L	98
6) Bromomethane	2.776	94	122598	22.22	ug/L	100
8) Chloroethane	2.916	64	101181	24.99	ug/L	98
9) Trichlorofluoromethane	3.257	101	105721	26.17	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	129799	25.97	ug/L	98
12) 1,1-Dichloroethene	4.044	96	119696	25.93	ug/L	97
13) Acetone	4.123	43	50356	52.34	ug/L	95
14) Carbon disulfide	4.385	76	354773	26.05	ug/L	100
15) Methyl Acetate	4.665	43	64041	25.89	ug/L	99
16) Methylene chloride	4.922	84	125794	22.65	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	128465	25.94	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	156392	27.14	ug/L	99
19) 1,1-Dichloroethane	6.214	63	223904	26.20	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	137119	26.42	ug/L	98
22) 2-Butanone	7.171	43	87264	54.99	ug/L	95
23) Bromochloromethane	7.513	128	64486	27.15	ug/L	96
25) Chloroform	7.671	83	240858	26.32	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	171474	26.91	ug/L	100
29) Cyclohexane	7.958	56	204896	26.59	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	196235	26.66	ug/L	99
31) Carbon tetrachloride	8.067	117	189073	26.94	ug/L	100
33) Benzene	8.323	78	512788	26.46	ug/L	100
34) Trichloroethene	9.091	95	136768	25.86	ug/L	94
35) Methylcyclohexane	9.335	83	239613	27.03	ug/L	99
37) 1,2-Dichloropropane	9.366	63	125984	26.74	ug/L	100
38) Bromodichloromethane	9.646	83	174240	26.82	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	200729	28.29	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	179330	55.48	ug/L	98
42) Toluene	10.390	91	565339	26.77	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	178343	28.76	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	105764	27.47	ug/L	97
46) Tetrachloroethene	10.859	164	109114	27.30	ug/L	98
48) 2-Hexanone	10.969	43	126991	58.31	ug/L	98
49) Dibromochloromethane	11.128	129	122252	28.11	ug/L	99
50) 1,2-Dibromoethane	11.231	107	104994	27.72	ug/L	96
51) Chlorobenzene	11.658	112	368915	27.11	ug/L	95
52) Ethylbenzene	11.731	91	645436	27.36	ug/L	99
53) m,p-Xylene	11.841	106	243592	26.86	ug/L	95
54) o-Xylene	12.164	106	237888	28.22	ug/L	97
55) Styrene	12.182	104	402222	27.83	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	136377	28.16	ug/L	97
59) Bromoform	12.347	173	69067	27.47	ug/L	99
60) Isopropylbenzene	12.463	105	649892	26.67	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	102032	26.57	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	537041	27.20	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	536366	27.33	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	278623	26.56	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	290184	27.28	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	257916	26.54	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	22370	26.77	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	201480	27.72	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	161062	26.62	ug/L	96
71) Naphthalene	15.365	128	387882	28.94	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	146484	26.73	ug/L	97

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

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