

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\
 Data File : VW018226.D
 Acq On : 23 Feb 2021 14:01
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV104

Quant Time: Feb 24 00:33:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 23 18:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	433150	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	398933	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	204595	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118071	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.68%
7) Chloroethane-d5	2.898	69	94227	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
11) 1,1-Dichloroethene-d2	4.032	63	234737	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.64%
21) 2-Butanone-d5	7.074	46	54089	51.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.98%
24) Chloroform-d	7.647	84	256396	24.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	8.305	65	128473	24.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.96%
32) Benzene-d6	8.275	84	509727	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
36) 1,2-Dichloropropane-d6	9.275	67	140640	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	10.323	98	483699	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.24%
43) trans-1,3-Dichloroprop...	10.579	79	65437	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.64%
47) 2-Hexanone-d5	10.921	63	48990	53.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.16%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	118236	25.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.48%
66) 1,2-Dichlorobenzene-d4	13.853	152	177899	23.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.04%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	124039	24.07	ug/L	95
3) Chloromethane	2.221	50	99150	25.09	ug/L	98
5) Vinyl chloride	2.367	62	138602	24.40	ug/L	98
6) Bromomethane	2.788	94	98549	25.01	ug/L	96
8) Chloroethane	2.928	64	81043	25.50	ug/L	99
9) Trichlorofluoromethane	3.263	101	91457	22.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	134248	24.22	ug/L	88
12) 1,1-Dichloroethene	4.050	96	133024	24.80	ug/L	86
13) Acetone	4.123	43	35487	50.59	ug/L	83
14) Carbon disulfide	4.391	76	393557	24.01	ug/L	100
15) Methyl Acetate	4.666	43	48021	26.17	ug/L	95
16) Methylene chloride	4.916	84	136520	23.23	ug/L	87
17) trans-1,2-Dichloroethene	5.422	96	143048	25.00	ug/L	89
18) Methyl tert-butyl Ether	5.428	73	148047	25.95	ug/L #	94
19) 1,1-Dichloroethane	6.214	63	224753	25.08	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	151655	25.51	ug/L	90
22) 2-Butanone	7.165	43	59203	53.03	ug/L	93
23) Bromochloromethane	7.513	128	72100	25.42	ug/L #	78
25) Chloroform	7.671	83	247784	25.39	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	151209	25.61	ug/L #	94
29) Cyclohexane	7.958	56	196775	24.59	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	197854	24.68	ug/L	94
31) Carbon tetrachloride	8.067	117	193517	24.89	ug/L	99
33) Benzene	8.323	78	537711	25.24	ug/L	100
34) Trichloroethene	9.092	95	147543	24.77	ug/L	93
35) Methylcyclohexane	9.335	83	242518	24.62	ug/L	96
37) 1,2-Dichloropropane	9.366	63	123694	25.13	ug/L	98
38) Bromodichloromethane	9.646	83	177764	25.78	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	205742	26.08	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	136774	54.71	ug/L #	91
42) Toluene	10.384	91	592015	25.22	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	177380	26.21	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	104138	25.85	ug/L	98
46) Tetrachloroethene	10.860	164	127890	24.22	ug/L	96
48) 2-Hexanone	10.969	43	93738	54.94	ug/L #	90
49) Dibromochloromethane	11.128	129	131867	26.48	ug/L	95
50) 1,2-Dibromoethane	11.232	107	102426	25.94	ug/L #	97
51) Chlorobenzene	11.658	112	389074	24.80	ug/L	94
52) Ethylbenzene	11.731	91	665014	25.12	ug/L	100
53) m,p-Xylene	11.835	106	262045	25.34	ug/L	98
54) o-Xylene	12.164	106	249557	25.54	ug/L	97
55) Styrene	12.176	104	425104	25.92	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	116971	25.94	ug/L	99
59) Bromoform	12.347	173	74395	25.56	ug/L #	95
60) Isopropylbenzene	12.463	105	668225	25.02	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	85903	25.64	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	571598	25.54	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	585134	26.23	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	323935	25.24	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	313882	24.41	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	286935	24.90	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19239	26.42	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	245854	24.90	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	208759	25.56	ug/L	97
71) Naphthalene	15.365	128	395608	27.58	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	185309	25.90	ug/L	97

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

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