

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022421\
 Data File : VW018231.D
 Acq On : 24 Feb 2021 10:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025102

Quant Time: Feb 25 02:42:17 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	468620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	417507	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207631	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	124669	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.28%
7) Chloroethane-d5	2.898	69	97452	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	4.025	63	254279	24.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.76%
21) 2-Butanone-d5	7.074	46	55053	48.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.82%
24) Chloroform-d	7.647	84	258687	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.305	65	127238	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.68%
32) Benzene-d6	8.275	84	510169	23.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	9.268	67	139954	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.76%
41) Toluene-d8	10.323	98	488010	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
43) trans-1,3-Dichloroprop...	10.579	79	63763	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.68%
47) 2-Hexanone-d5	10.921	63	48139	50.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.62%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115482	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.76%
66) 1,2-Dichlorobenzene-d4	13.853	152	173586	22.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	134723	24.16	ug/L	95
3) Chloromethane	2.215	50	96804	22.64	ug/L	97
5) Vinyl chloride	2.367	62	150461	24.48	ug/L	99
6) Bromomethane	2.788	94	100696	23.62	ug/L	98
8) Chloroethane	2.928	64	83677	24.33	ug/L	100
9) Trichlorofluoromethane	3.263	101	108167	24.61	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	146181	24.37	ug/L	90
12) 1,1-Dichloroethene	4.050	96	141995	24.47	ug/L	83
13) Acetone	4.117	43	37213	49.04	ug/L	87
14) Carbon disulfide	4.391	76	425897	24.02	ug/L	100
15) Methyl Acetate	4.666	43	46707	23.53	ug/L	95
16) Methylene chloride	4.922	84	134991	21.23	ug/L	86
17) trans-1,2-Dichloroethene	5.422	96	148510	23.99	ug/L	90
18) Methyl tert-butyl Ether	5.422	73	146613	23.76	ug/L #	94
19) 1,1-Dichloroethane	6.214	63	228861	23.61	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	151408	23.54	ug/L	90
22) 2-Butanone	7.165	43	59863	49.56	ug/L	97
23) Bromochloromethane	7.513	128	71358	23.26	ug/L #	79
25) Chloroform	7.671	83	250378	23.72	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	150375	23.54	ug/L #	95
29) Cyclohexane	7.958	56	212261	25.35	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	206136	24.57	ug/L	95
31) Carbon tetrachloride	8.067	117	206623	25.40	ug/L	100
33) Benzene	8.323	78	547863	24.57	ug/L	100
34) Trichloroethene	9.092	95	151610	24.32	ug/L	89
35) Methylcyclohexane	9.335	83	257987	25.02	ug/L	96
37) 1,2-Dichloropropane	9.366	63	123691	24.01	ug/L	99
38) Bromodichloromethane	9.640	83	175022	24.25	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	204012	24.71	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	133455	51.01	ug/L #	90
42) Toluene	10.384	91	607627	24.74	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	175520	24.78	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	102293	24.26	ug/L	98
46) Tetrachloroethene	10.860	164	135707	24.56	ug/L	95
48) 2-Hexanone	10.969	43	93405	52.31	ug/L #	91
49) Dibromochloromethane	11.128	129	128034	24.57	ug/L	99
50) 1,2-Dibromoethane	11.231	107	100622	24.35	ug/L #	99
51) Chlorobenzene	11.658	112	402167	24.49	ug/L	93
52) Ethylbenzene	11.731	91	675002	24.36	ug/L	99
53) m,p-Xylene	11.835	106	267033	24.68	ug/L	97
54) o-Xylene	12.164	106	255208	24.95	ug/L	94
55) Styrene	12.182	104	431499	25.14	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	117667	24.94	ug/L	100
59) Bromoform	12.353	173	74110	25.09	ug/L #	97
60) Isopropylbenzene	12.463	105	688304	25.39	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	84696	24.91	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	585764	25.79	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	583486	25.78	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	321439	24.67	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	323599	24.80	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	282452	24.16	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18448	24.97	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	256325	25.58	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	215536	26.00	ug/L	97
71) Naphthalene	15.365	128	379865	26.09	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	182007	25.07	ug/L	96

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

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