

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041621\
 Data File : VW018675.D
 Acq On : 16 Apr 2021 16:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025110

Quant Time: Apr 16 23:24:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 16 23:21:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	524456	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	480773	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	251477	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	168653	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
7) Chloroethane-d5	2.891	69	144872	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
11) 1,1-Dichloroethene-d2	4.032	63	317706	22.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.80%
21) 2-Butanone-d5	7.074	46	118678	65.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.84%
24) Chloroform-d	7.647	84	367859	25.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	8.305	65	213132	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.36%
32) Benzene-d6	8.275	84	713808	25.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.24%
36) 1,2-Dichloropropane-d6	9.274	67	218806	25.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.96%
41) Toluene-d8	10.323	98	666218	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.32%
43) trans-1,3-Dichloroprop...	10.579	79	99650	27.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.16%
47) 2-Hexanone-d5	10.927	63	100844	68.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.46%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	213151	30.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.12%#
66) 1,2-Dichlorobenzene-d4	13.853	152	237262	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	119799	24.00	ug/L	93
3) Chloromethane	2.215	50	114855	16.84	ug/L	95
5) Vinyl chloride	2.367	62	213207	21.69	ug/L	99
6) Bromomethane	2.782	94	147585	18.84	ug/L	98
8) Chloroethane	2.928	64	134866	21.50	ug/L	98
9) Trichlorofluoromethane	3.263	101	147686	26.82	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	180722	25.87	ug/L	97
12) 1,1-Dichloroethene	4.044	96	173973	25.23	ug/L	93
13) Acetone	4.117	43	74600	56.65	ug/L	89
14) Carbon disulfide	4.391	76	473952	23.10	ug/L	100
15) Methyl Acetate	4.666	43	89101	29.67	ug/L	95
16) Methylene chloride	4.922	84	204100	23.75	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	188074	25.37	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	267429	26.96	ug/L	97
19) 1,1-Dichloroethane	6.220	63	343855	25.21	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	206443	26.17	ug/L	99
22) 2-Butanone	7.171	43	121300	60.62	ug/L	96
23) Bromochloromethane	7.513	128	91849	26.89	ug/L	96
25) Chloroform	7.677	83	364559	26.34	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	249097	26.44	ug/L	99
29) Cyclohexane	7.958	56	298215	25.19	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	273407	25.99	ug/L	99
31) Carbon tetrachloride	8.067	117	247078	26.05	ug/L	99
33) Benzene	8.323	78	783423	25.95	ug/L	100
34) Trichloroethene	9.092	95	198563	25.54	ug/L	95
35) Methylcyclohexane	9.335	83	344776	25.52	ug/L	98
37) 1,2-Dichloropropane	9.372	63	193732	25.34	ug/L	99
38) Bromodichloromethane	9.646	83	256491	26.37	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	310639	27.38	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	272516	58.04	ug/L	94
42) Toluene	10.390	91	856479	26.43	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	279836	28.25	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	160215	28.26	ug/L	98
46) Tetrachloroethene	10.860	164	150820	27.46	ug/L	99
48) 2-Hexanone	10.969	43	190883	64.31	ug/L	92
49) Dibromochloromethane	11.128	129	171531	28.39	ug/L	88
50) 1,2-Dibromoethane	11.238	107	151601	28.10	ug/L	98
51) Chlorobenzene	11.658	112	537687	26.95	ug/L	98
52) Ethylbenzene	11.731	91	949519	26.52	ug/L	99
53) m,p-Xylene	11.841	106	352651	26.85	ug/L	95
54) o-Xylene	12.164	106	344189	27.30	ug/L	99
55) Styrene	12.182	104	595986	27.33	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	209053	29.60	ug/L	98
59) Bromoform	12.353	173	93550	26.09	ug/L	97
60) Isopropylbenzene	12.463	105	924368	24.99	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	156701	27.27	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	790449	25.80	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	788022	25.77	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	405721	25.89	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	408924	25.79	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	373524	25.90	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	33609	28.15	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	300674	26.87	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	251024	27.56	ug/L	99
71) Naphthalene	15.365	128	575412	29.98	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	226079	28.12	ug/L	97

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

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