

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041621\
 Data File : VW018665.D
 Acq On : 16 Apr 2021 09:41
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025109

Quant Time: Apr 16 23:14:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:17:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	554078	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	510242	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	248646	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	176352	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.76%
7) Chloroethane-d5	2.891	69	145745	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.12%
11) 1,1-Dichloroethene-d2	4.025	63	321245	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.88%
21) 2-Butanone-d5	7.074	46	73597	38.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.80%
24) Chloroform-d	7.647	84	348486	22.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.68%
26) 1,2-Dichloroethane-d4	8.305	65	179471	20.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.96%
32) Benzene-d6	8.274	84	670912	22.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.64%
36) 1,2-Dichloropropane-d6	9.274	67	202244	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.68%
41) Toluene-d8	10.323	98	632866	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.48%
43) trans-1,3-Dichloroprop...	10.579	79	87471	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
47) 2-Hexanone-d5	10.926	63	61272	39.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.12%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	154626	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.08%
66) 1,2-Dichlorobenzene-d4	13.853	152	202385	23.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.68%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	126849	24.05	ug/L	97
3) Chloromethane	2.215	50	147636	20.49	ug/L	97
5) Vinyl chloride	2.367	62	237487	22.87	ug/L	98
6) Bromomethane	2.782	94	157829	19.07	ug/L	99
8) Chloroethane	2.928	64	145075	21.89	ug/L	97
9) Trichlorofluoromethane	3.257	101	126971	21.83	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	191276	25.91	ug/L	97
12) 1,1-Dichloroethene	4.044	96	184651	25.35	ug/L	96
13) Acetone	4.123	43	56867	40.87	ug/L	89
14) Carbon disulfide	4.385	76	525565	24.24	ug/L	99
15) Methyl Acetate	4.665	43	64638	20.37	ug/L	94
16) Methylene chloride	4.915	84	188329	20.74	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	196221	25.05	ug/L	94
18) Methyl tert-butyl Ether	5.421	73	226949	21.65	ug/L	97
19) 1,1-Dichloroethane	6.214	63	349827	24.28	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	206726	24.81	ug/L	99
22) 2-Butanone	7.171	43	86527	40.93	ug/L	96
23) Bromochloromethane	7.512	128	87447	24.24	ug/L	95
25) Chloroform	7.671	83	366612	25.07	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	228778	22.99	ug/L	97
29) Cyclohexane	7.957	56	305551	24.32	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	287121	25.72	ug/L	99
31) Carbon tetrachloride	8.067	117	271937	27.01	ug/L	98
33) Benzene	8.323	78	798841	24.93	ug/L	100
34) Trichloroethene	9.091	95	207929	25.20	ug/L	93
35) Methylcyclohexane	9.335	83	360316	25.13	ug/L	99
37) 1,2-Dichloropropane	9.366	63	193297	23.83	ug/L	98
38) Bromodichloromethane	9.646	83	256907	24.89	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	295875	24.57	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	189859	38.10	ug/L	93
42) Toluene	10.390	91	878708	25.55	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	258009	24.54	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	140255	23.31	ug/L	96
46) Tetrachloroethene	10.859	164	152758	26.21	ug/L	92
48) 2-Hexanone	10.969	43	130699	41.49	ug/L	91
49) Dibromochloromethane	11.128	129	159600	24.89	ug/L	94
50) 1,2-Dibromoethane	11.237	107	132015	23.06	ug/L	97
51) Chlorobenzene	11.658	112	524956	24.79	ug/L	98
52) Ethylbenzene	11.731	91	983511	25.89	ug/L	97
53) m,p-Xylene	11.841	106	355455	25.50	ug/L	98
54) o-Xylene	12.164	106	336443	25.14	ug/L	89
55) Styrene	12.182	104	593801	25.66	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	164293	21.92	ug/L	99
59) Bromoform	12.353	173	82790	23.36	ug/L	99
60) Isopropylbenzene	12.463	105	943473	25.80	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	119052	20.96	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	794181	26.21	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	790705	26.16	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	399824	25.80	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	402704	25.69	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	344140	24.14	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	24275	20.56	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	276900	25.03	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	223898	24.86	ug/L	96
71) Naphthalene	15.365	128	436082	22.98	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	200034	25.16	ug/L	96

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

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