

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051021\
 Data File : VW018965.D
 Acq On : 10 May 2021 09:43
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025117

Quant Time: May 11 01:23:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	720268	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	634784	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	310611	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	182394	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
7) Chloroethane-d5	2.891	69	150476	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	4.025	63	440503	24.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.04%
21) 2-Butanone-d5	7.074	46	101421	42.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.28%
24) Chloroform-d	7.647	84	467011	24.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	8.305	65	249671	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.56%
32) Benzene-d6	8.275	84	835251	23.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.16%
36) 1,2-Dichloropropane-d6	9.274	67	253480	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	10.323	98	770105	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.08%
43) trans-1,3-Dichloroprop...	10.579	79	109221	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.36%
47) 2-Hexanone-d5	10.920	63	77983	40.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.86%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	186911	20.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.92%
66) 1,2-Dichlorobenzene-d4	13.847	152	240349	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	200374	29.30	ug/L	99
3) Chloromethane	2.215	50	164263	25.57	ug/L	100
5) Vinyl chloride	2.367	62	246726	23.68	ug/L	99
6) Bromomethane	2.782	94	151520	20.76	ug/L	99
8) Chloroethane	2.928	64	147351	23.50	ug/L	98
9) Trichlorofluoromethane	3.263	101	230758	28.55	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	245968	26.40	ug/L	96
12) 1,1-Dichloroethene	4.044	96	235722	25.27	ug/L	96
13) Acetone	4.123	43	109267	59.26	ug/L	93
14) Carbon disulfide	4.385	76	701919	25.42	ug/L	99
15) Methyl Acetate	4.672	43	80574	21.43	ug/L	99
16) Methylene chloride	4.915	84	246422	20.69	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	243822	24.38	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	282027	20.44	ug/L	99
19) 1,1-Dichloroethane	6.214	63	450486	26.22	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	252157	23.87	ug/L	93
22) 2-Butanone	7.171	43	129533	50.67	ug/L	97
23) Bromochloromethane	7.513	128	102539	22.02	ug/L	92
25) Chloroform	7.671	83	460286	25.60	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	295851	24.16	ug/L	98
29) Cyclohexane	7.951	56	406047	26.69	ug/L	95
30) 1,1,1-Trichloroethane	7.866	97	377696	26.86	ug/L	99
31) Carbon tetrachloride	8.061	117	351707	27.44	ug/L	99
33) Benzene	8.323	78	971777	25.56	ug/L	100
34) Trichloroethene	9.085	95	260974	25.74	ug/L	90
35) Methylcyclohexane	9.335	83	450088	25.24	ug/L	96
37) 1,2-Dichloropropane	9.366	63	233005	25.43	ug/L	98
38) Bromodichloromethane	9.646	83	312083	25.79	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	365028	25.00	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	236073	41.48	ug/L	98
42) Toluene	10.384	91	1050572	25.12	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	312291	24.41	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	157754	21.68	ug/L	96
46) Tetrachloroethene	10.859	164	187546	24.60	ug/L	90
48) 2-Hexanone	10.969	43	181054	48.86	ug/L	98
49) Dibromochloromethane	11.128	129	186189	23.62	ug/L	100
50) 1,2-Dibromoethane	11.231	107	146941	20.82	ug/L	100
51) Chlorobenzene	11.658	112	622917	24.36	ug/L	97
52) Ethylbenzene	11.731	91	1177224	25.38	ug/L	98
53) m,p-Xylene	11.841	106	426318	24.74	ug/L	92
54) o-Xylene	12.164	106	405756	24.71	ug/L	92
55) Styrene	12.176	104	678366	24.57	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	176663	20.08	ug/L	98
59) Bromoform	12.347	173	89025	20.71	ug/L	95
60) Isopropylbenzene	12.463	105	1138787	25.68	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	136224	20.69	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	947314	25.60	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	955781	25.81	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	448208	23.96	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	445666	23.60	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	392984	23.22	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	28741	20.53	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	314799	23.34	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	262518	23.44	ug/L	98
71) Naphthalene	15.359	128	466923	19.76	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	215004	21.75	ug/L	99

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

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