

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110921\
 Data File : VW020824.D
 Acq On : 09 Nov 2021 16:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025488

Quant Time: Nov 20 03:39:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 20 02:58:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	145781	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	133172	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75145	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	30382	22.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
7) Chloroethane-d5	2.885	69	20338	26.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.240%
11) 1,1-Dichloroethene-d2	4.019	63	64085	22.275	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.120%
21) 2-Butanone-d5	7.080	46	19465	42.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.520%
24) Chloroform-d	7.647	84	74791	23.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	8.305	65	37665	21.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.360%
32) Benzene-d6	8.275	84	135225	22.475	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.880%
36) 1,2-Dichloropropane-d6	9.274	67	41365	22.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.840%
41) Toluene-d8	10.323	98	131393	22.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	10.579	79	19305	20.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.560%
47) 2-Hexanone-d5	10.920	63	16233	43.067	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.140%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	36109	23.389	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	56188	23.793	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	19977	33.606	ug/L	97
3) Chloromethane	2.209	50	39570	25.440	ug/L	99
5) Vinyl chloride	2.361	62	59638	26.582	ug/L	100
6) Bromomethane	2.782	94	30683	26.426	ug/L	98
8) Chloroethane	2.922	64	24387	29.562	ug/L	99
9) Trichlorofluoromethane	3.257	101	40063	33.668	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	49266	25.173	ug/L	91
12) 1,1-Dichloroethene	4.038	96	46313	24.831	ug/L	76
13) Acetone	4.129	43	17933	42.874	ug/L	94
14) Carbon disulfide	4.385	76	131797	23.411	ug/L	98
15) Methyl Acetate	4.672	43	16830	21.204	ug/L	95
16) Methylene chloride	4.915	84	47531	22.018	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	48984	24.707	ug/L	84
18) Methyl tert-butyl Ether	5.421	73	61302	21.852	ug/L	95
19) 1,1-Dichloroethane	6.214	63	80557	23.461	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	51077	24.440	ug/L	77
22) 2-Butanone	7.171	43	23869	42.502	ug/L	91
23) Bromochloromethane	7.513	128	23604	24.475	ug/L	# 70
25) Chloroform	7.671	83	86103	24.087	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	52597	22.729	ug/L #	95
29) Cyclohexane	7.958	56	78483	22.588	ug/L	86
30) 1,1,1-Trichloroethane	7.872	97	77023	24.338	ug/L	94
31) Carbon tetrachloride	8.067	117	73608	24.442	ug/L	97
33) Benzene	8.323	78	187671	23.531	ug/L	100
34) Trichloroethene	9.092	95	52200	24.588	ug/L	93
35) Methylcyclohexane	9.335	83	89910	24.269	ug/L	88
37) 1,2-Dichloropropane	9.366	63	44133	23.371	ug/L #	97
38) Bromodichloromethane	9.646	83	63552	24.042	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	74008	24.082	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	51982	42.121	ug/L #	95
42) Toluene	10.390	91	212403	24.766	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	64090	23.056	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	32490	23.184	ug/L	96
46) Tetrachloroethene	10.860	164	50454	26.496	ug/L	95
48) 2-Hexanone	10.969	43	38763	43.015	ug/L #	96
49) Dibromochloromethane	11.128	129	45950	24.011	ug/L	94
50) 1,2-Dibromoethane	11.231	107	33209	23.371	ug/L	94
51) Chlorobenzene	11.658	112	137790	24.908	ug/L	94
52) Ethylbenzene	11.731	91	234984	24.454	ug/L	98
53) m,p-Xylene	11.841	106	96149	24.974	ug/L	84
54) o-Xylene	12.164	106	91240	25.018	ug/L	88
55) Styrene	12.176	104	152310	24.566	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	37577	22.879	ug/L #	98
59) Bromoform	12.347	173	28436	22.372	ug/L	97
60) Isopropylbenzene	12.463	105	251117	24.245	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	27145	21.859	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	212035	23.824	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	204464	23.126	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	116982	24.361	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	115257	24.094	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	103057	24.295	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	6346	20.905	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	91406	23.980	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	75965	23.907	ug/L	94
71) Naphthalene	15.359	128	120321	22.402	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	59751	22.128	ug/L	98

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

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