

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021635.D
 Acq On : 24 Dec 2021 00:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025529

Quant Time: Dec 24 01:49:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	113586	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	111931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65471	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	43596	21.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.280%
7) Chloroethane-d5	2.879	69	29895	21.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
11) 1,1-Dichloroethene-d2	4.013	63	65235	23.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.600%
21) 2-Butanone-d5	7.098	46	13716	47.036	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.080%
24) Chloroform-d	7.647	84	81419	25.722	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.880%
26) 1,2-Dichloroethane-d4	8.305	65	42118	25.014	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.275	84	151212	24.646	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	9.274	67	41528	25.239	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.323	98	153531	24.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.960%
43) trans-1,3-Dichloroprop...	10.579	79	18204	24.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.120%
47) 2-Hexanone-d5	10.927	63	11849	48.699	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33795	23.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	59483	23.443	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5947	13.551	ug/L	96
3) Chloromethane	2.202	50	28575	19.667	ug/L	99
5) Vinyl chloride	2.355	62	42035	18.429	ug/L	93
6) Bromomethane	2.776	94	24863	16.805	ug/L	100
8) Chloroethane	2.910	64	20702	19.701	ug/L	98
9) Trichlorofluoromethane	3.245	101	26704	22.189	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	35003	22.317	ug/L	90
12) 1,1-Dichloroethene	4.031	96	30877	21.931	ug/L	82
13) Acetone	4.159	43	9713	37.156	ug/L	94
14) Carbon disulfide	4.379	76	65762	18.087	ug/L	99
15) Methyl Acetate	4.690	43	10251	22.727	ug/L	95
16) Methylene chloride	4.915	84	45414	24.197	ug/L	81
17) trans-1,2-Dichloroethene	5.427	96	33187	21.770	ug/L	80
18) Methyl tert-butyl Ether	5.434	73	53174	25.255	ug/L	94
19) 1,1-Dichloroethane	6.220	63	58255	24.352	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	38809	24.136	ug/L	71
22) 2-Butanone	7.189	43	14138	41.413	ug/L	88
23) Bromochloromethane	7.519	128	18002	23.944	ug/L	# 60
25) Chloroform	7.677	83	69894	25.169	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	43860	24.941	ug/L	98
29) Cyclohexane	7.958	56	46681	20.953	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	60575	24.120	ug/L	93
31) Carbon tetrachloride	8.067	117	52744	22.766	ug/L	100
33) Benzene	8.323	78	139231	22.834	ug/L	100
34) Trichloroethene	9.091	95	39229	22.919	ug/L	92
35) Methylcyclohexane	9.335	83	57968	20.531	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	32184	23.663	ug/L #	95
38) Bromodichloromethane	9.646	83	46784	25.018	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	52330	24.408	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	32453	43.792	ug/L #	89
42) Toluene	10.390	91	164141	23.017	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	46237	24.622	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	27522	24.723	ug/L	93
46) Tetrachloroethene	10.866	164	35970	22.122	ug/L	95
48) 2-Hexanone	10.969	43	23150	43.076	ug/L #	94
49) Dibromochloromethane	11.128	129	33724	24.574	ug/L	91
50) 1,2-Dibromoethane	11.237	107	25991	23.461	ug/L #	95
51) Chlorobenzene	11.658	112	110517	23.148	ug/L	92
52) Ethylbenzene	11.731	91	186271	22.857	ug/L	96
53) m,p-Xylene	11.835	106	74988	22.810	ug/L	88
54) o-Xylene	12.164	106	72472	23.228	ug/L	96
55) Styrene	12.182	104	123280	23.217	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	29567	23.170	ug/L #	98
59) Bromoform	12.347	173	17793	22.841	ug/L	98
60) Isopropylbenzene	12.463	105	198299	22.290	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	21340	22.396	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	168171	22.215	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	172448	23.092	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	92843	22.126	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	92593	22.210	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	85809	23.228	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4060	20.657	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	68571	21.864	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	55286	21.916	ug/L	98
71) Naphthalene	15.359	128	95768	23.367	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	47121	22.603	ug/L	97

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

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