

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021964.D
 Acq On : 17 Jan 2022 09:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: Jan 18 00:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 06:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	135960	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	132393	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79867	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	51784	20.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
7) Chloroethane-d5	2.885	69	38675	16.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	4.025	63	92347	23.147	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.600%
21) 2-Butanone-d5	7.080	46	18944	53.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.220%
24) Chloroform-d	7.647	84	104913	23.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	8.305	65	51036	24.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.275	84	204486	23.803	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	9.275	67	54296	23.980	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.920%
41) Toluene-d8	10.323	98	204153	23.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.280%
43) trans-1,3-Dichloroprop...	10.579	79	23566	24.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	10.921	63	17835	58.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.100%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43746	24.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	78488	23.900	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	13216	24.657	ug/L	100
3) Chloromethane	2.215	50	42710	21.978	ug/L	99
5) Vinyl chloride	2.361	62	60996	21.849	ug/L	99
6) Bromomethane	2.782	94	44210	22.397	ug/L	96
8) Chloroethane	2.922	64	31029	18.391	ug/L	95
9) Trichlorofluoromethane	3.263	101	47395	22.846	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	53690	23.776	ug/L	90
12) 1,1-Dichloroethene	4.044	96	49323	24.304	ug/L	76
13) Acetone	4.141	43	13822	46.905	ug/L	88
14) Carbon disulfide	4.379	76	123111	23.171	ug/L	98
15) Methyl Acetate	4.678	43	14780	24.816	ug/L	# 86
16) Methylene chloride	4.916	84	46011	19.774	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	53033	24.184	ug/L	80
18) Methyl tert-butyl Ether	5.428	73	67433	24.114	ug/L	# 91
19) 1,1-Dichloroethane	6.220	63	80996	25.186	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	56510	25.050	ug/L	68
22) 2-Butanone	7.177	43	19850	52.699	ug/L	78
23) Bromochloromethane	7.519	128	26624	23.719	ug/L	# 58
25) Chloroform	7.677	83	93621	24.604	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	54320	24.652	ug/L #	93
29) Cyclohexane	7.958	56	76222	25.735	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	86315	25.152	ug/L #	92
31) Carbon tetrachloride	8.067	117	83300	25.049	ug/L	98
33) Benzene	8.323	78	200638	24.715	ug/L	100
34) Trichloroethene	9.092	95	57630	24.469	ug/L	90
35) Methylcyclohexane	9.336	83	96672	24.960	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	44818	25.341	ug/L #	94
38) Bromodichloromethane	9.646	83	63509	25.724	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	72890	26.524	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	44280	53.299	ug/L #	87
42) Toluene	10.384	91	230541	25.320	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	62114	27.005	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	37493	24.969	ug/L	95
46) Tetrachloroethene	10.860	164	53614	23.020	ug/L	95
48) 2-Hexanone	10.969	43	31274	55.018	ug/L #	88
49) Dibromochloromethane	11.128	129	49451	26.137	ug/L	92
50) 1,2-Dibromoethane	11.232	107	37385	25.082	ug/L	99
51) Chlorobenzene	11.652	112	156329	24.317	ug/L	92
52) Ethylbenzene	11.731	91	257541	25.462	ug/L	94
53) m,p-Xylene	11.835	106	107744	25.475	ug/L	87
54) o-Xylene	12.164	106	99997	25.467	ug/L	98
55) Styrene	12.176	104	168238	25.953	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	39754	24.607	ug/L #	98
59) Bromoform	12.347	173	27108	24.895	ug/L #	98
60) Isopropylbenzene	12.463	105	278882	25.642	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	28491	24.962	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.939	105	236498	26.259	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	230492	25.949	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	135636	24.805	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	131379	24.334	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	117262	24.493	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5809	26.355	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.621	180	92602	22.785	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	77382	23.895	ug/L	96
71) Naphthalene	15.359	128	126179	25.259	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	62500	23.371	ug/L	98

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

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