

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
 Data File : VW021922.D
 Acq On : 14 Jan 2022 22:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/17/2022
 Supervised By : Mahesh Dadoda 01/17/2022

Quant Time: Jan 17 03:15:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 00:44:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	143592	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	146133	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	86983	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55837	20.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
7) Chloroethane-d5	2.879	69	47330	19.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.560%
11) 1,1-Dichloroethene-d2	4.019	63	85947	20.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.600%
21) 2-Butanone-d5	7.080	46	24236	64.337	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.680%
24) Chloroform-d	7.647	84	109714	23.651	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	8.305	65	55907	24.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.840%
32) Benzene-d6	8.275	84	212507	22.411	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.640%
36) 1,2-Dichloropropane-d6	9.275	67	57945	23.185	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.720%
41) Toluene-d8	10.323	98	212457	22.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.920%
43) trans-1,3-Dichloroprop...	10.573	79	26048	24.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.200%
47) 2-Hexanone-d5	10.921	63	22662	66.824	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	53892	27.576	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	84385	23.594	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	17198m	30.381	ug/L	
3) Chloromethane	2.209	50	41868	20.399	ug/L	100
5) Vinyl chloride	2.355	62	59861	20.303	ug/L	98
6) Bromomethane	2.776	94	51577	24.740	ug/L	97
8) Chloroethane	2.916	64	33885	19.016	ug/L	100
9) Trichlorofluoromethane	3.251	101	37511	17.120	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	51512	21.599	ug/L	92
12) 1,1-Dichloroethene	4.038	96	45302	21.137	ug/L	77
13) Acetone	4.147	43	14530	46.687	ug/L	88
14) Carbon disulfide	4.379	76	114008	20.317	ug/L	98
15) Methyl Acetate	4.678	43	16680	26.517	ug/L	# 85
16) Methylene chloride	4.916	84	46479	18.914	ug/L	78
17) trans-1,2-Dichloroethene	5.422	96	51374	22.182	ug/L	78
18) Methyl tert-butyl Ether	5.422	73	73817	24.994	ug/L	# 91
19) 1,1-Dichloroethane	6.214	63	79994	23.552	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	55789	23.416	ug/L	65
22) 2-Butanone	7.177	43	23075	58.005	ug/L	78
23) Bromochloromethane	7.513	128	27824	23.471	ug/L	# 58
25) Chloroform	7.677	83	93440	23.251	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	56497	24.277	ug/L #	93
29) Cyclohexane	7.952	56	70735	21.637	ug/L #	76
30) 1,1,1-Trichloroethane	7.866	97	82472	21.773	ug/L #	92
31) Carbon tetrachloride	8.067	117	78814	21.472	ug/L	99
33) Benzene	8.324	78	197628	22.055	ug/L	100
34) Trichloroethene	9.092	95	56069	21.568	ug/L	84
35) Methylcyclohexane	9.336	83	91736	21.458	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	45448	23.282	ug/L #	94
38) Bromodichloromethane	9.640	83	65359	23.984	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	73395	24.197	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	53505	58.347	ug/L #	85
42) Toluene	10.384	91	229446	22.831	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	66224	26.085	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	41355	24.952	ug/L	93
46) Tetrachloroethene	10.860	164	53220	20.702	ug/L	94
48) 2-Hexanone	10.969	43	36683	58.466	ug/L #	87
49) Dibromochloromethane	11.128	129	51631	24.723	ug/L	95
50) 1,2-Dibromoethane	11.232	107	42050	25.560	ug/L #	98
51) Chlorobenzene	11.652	112	160626	22.636	ug/L #	88
52) Ethylbenzene	11.731	91	254693	22.813	ug/L	98
53) m,p-Xylene	11.835	106	108567	23.256	ug/L	84
54) o-Xylene	12.164	106	102066	23.550	ug/L	78
55) Styrene	12.176	104	171272	23.937	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	47377	26.568	ug/L #	97
59) Bromoform	12.347	173	30200	25.465	ug/L #	96
60) Isopropylbenzene	12.463	105	276002	23.301	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	34176	27.493	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.939	105	228848	23.331	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	231971	23.979	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	136117	22.856	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	137017	23.302	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	122179	23.432	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	6699	27.907	ug/L #	55
69) 1,3,5-Trichlorobenzene	14.627	180	99405	22.458	ug/L	99
70) 1,2,4-trichlorobenzene	15.121	180	80401	22.797	ug/L	95
71) Naphthalene	15.359	128	148154	27.232	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	69289	23.790	ug/L	97

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

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