

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011022\
 Data File : VW021803.D
 Acq On : 10 Jan 2022 08:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: Jan 10 12:18:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 07 22:46:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2022
 Supervised By :Mahesh Dadoda 01/12/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	144204	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	142691	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81161	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	54165	19.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.200%
7) Chloroethane-d5	2.885	69	37901	19.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.160%
11) 1,1-Dichloroethene-d2	4.019	63	96124	23.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.400%
21) 2-Butanone-d5	7.080	46	21036	50.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.140%
24) Chloroform-d	7.653	84	110436	24.516	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.080%
26) 1,2-Dichloroethane-d4	8.311	65	52183	21.939	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.760%
32) Benzene-d6	8.275	84	213178	25.161	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.640%
36) 1,2-Dichloropropane-d6	9.275	67	56969	24.786	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	10.323	98	209625	24.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.320%
43) trans-1,3-Dichloroprop...	10.579	79	24303	21.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.920%
47) 2-Hexanone-d5	10.927	63	17987	51.601	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.200%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	47927	25.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	83137	26.787	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	12976	15.175	ug/L	99
3) Chloromethane	2.215	50	45174	20.454	ug/L	94
5) Vinyl chloride	2.361	62	67552	20.738	ug/L	93
6) Bromomethane	2.782	94	38369	18.103	ug/L	96
8) Chloroethane	2.922	64	31678	20.409	ug/L	95
9) Trichlorofluoromethane	3.263	101	52671	26.875	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	60492	25.344	ug/L	90
12) 1,1-Dichloroethene	4.044	96	54198	25.388	ug/L	70
13) Acetone	4.117	43	15409	43.628	ug/L	82
14) Carbon disulfide	4.385	76	144590	23.405	ug/L	99
15) Methyl Acetate	4.678	43	15657	23.234	ug/L #	85
16) Methylene chloride	4.922	84	52303	20.318	ug/L #	75
17) trans-1,2-Dichloroethene	5.428	96	57252	25.387	ug/L	76
18) Methyl tert-butyl Ether	5.428	73	73389	23.370	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	85530	24.309	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	59444	25.393	ug/L	69
22) 2-Butanone	7.171	43	22083m	45.992	ug/L	
23) Bromochloromethane	7.519	128	29109	25.724	ug/L #	53
25) Chloroform	7.677	83	99066	24.409	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	57496	21.841	ug/L #	93
29) Cyclohexane	7.958	56	79507	24.095	ug/L #	75
30) 1,1,1-Trichloroethane	7.872	97	91204	24.225	ug/L #	93
31) Carbon tetrachloride	8.074	117	88611	24.204	ug/L	97
33) Benzene	8.330	78	212095	24.361	ug/L	100
34) Trichloroethene	9.092	95	61567	24.910	ug/L	88
35) Methylcyclohexane	9.336	83	102716	25.189	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	46107	23.896	ug/L #	94
38) Bromodichloromethane	9.646	83	66187	22.474	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	74194	23.535	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	45215	42.539	ug/L #	86
42) Toluene	10.390	91	247613	24.637	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	64761	22.863	ug/L	100
45) 1,1,2-Trichloroethane	10.787	97	39313	24.530	ug/L	93
46) Tetrachloroethene	10.860	164	59392	25.661	ug/L	94
48) 2-Hexanone	10.969	43	33899	46.962	ug/L #	89
49) Dibromochloromethane	11.128	129	51255	23.803	ug/L	95
50) 1,2-Dibromoethane	11.238	107	39738	24.688	ug/L #	96
51) Chlorobenzene	11.658	112	165738	25.559	ug/L	90
52) Ethylbenzene	11.731	91	268735	23.821	ug/L	96
53) m,p-Xylene	11.835	106	111999	24.776	ug/L	88
54) o-Xylene	12.164	106	106767	24.920	ug/L	87
55) Styrene	12.183	104	175183	23.808	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	42225	23.818	ug/L #	97
59) Bromoform	12.347	173	28727	24.252	ug/L	99
60) Isopropylbenzene	12.463	105	290348	25.663	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	30653	24.681	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.945	105	248033	25.931	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	239140	25.170	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	140555	26.313	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	139053	26.107	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	121675	26.090	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	6007	21.966	ug/L #	62
69) 1,3,5-Trichlorobenzene	14.627	180	103178	26.294	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	78162	24.954	ug/L	98
71) Naphthalene	15.359	128	129295	25.371	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	66138	25.084	ug/L	98

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

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