

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022111.D
 Acq On : 23 Feb 2022 16:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 24 03:26:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 03:11:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	184806	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	170927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	89766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	53474	22.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.720%
7) Chloroethane-d5	2.885	69	42802	22.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
11) 1,1-Dichloroethene-d2	4.019	63	88856	24.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.280%
21) 2-Butanone-d5	7.074	46	21734	53.627	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.260%
24) Chloroform-d	7.653	84	103423	25.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.320%
26) 1,2-Dichloroethane-d4	8.305	65	52063	24.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	8.275	84	201337	25.310	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.240%
36) 1,2-Dichloropropane-d6	9.275	67	54396	24.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.323	98	200751	25.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	10.579	79	25276	25.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.200%
47) 2-Hexanone-d5	10.921	63	19920	54.824	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	47374	24.435	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	76143	26.409	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	12565	24.328	ug/L	96
3) Chloromethane	2.215	50	37082	20.952	ug/L	97
5) Vinyl chloride	2.361	62	55139	20.735	ug/L	99
6) Bromomethane	2.782	94	39165	21.088	ug/L	95
8) Chloroethane	2.922	64	31917	21.366	ug/L	98
9) Trichlorofluoromethane	3.263	101	42686	23.643	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	50443	22.901	ug/L	95
12) 1,1-Dichloroethene	4.044	96	44700	23.415	ug/L	98
13) Acetone	4.117	43	14882	44.959	ug/L	96
14) Carbon disulfide	4.385	76	112460	22.722	ug/L	98
15) Methyl Acetate	4.666	43	18376m	24.659	ug/L	
16) Methylene chloride	4.916	84	49071	21.632	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	49817	23.758	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	73308	25.697	ug/L	99
19) 1,1-Dichloroethane	6.220	63	82546	24.317	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	55116	24.265	ug/L	98
22) 2-Butanone	7.171	43	24285	51.073	ug/L	97
23) Bromochloromethane	7.513	128	27182	24.497	ug/L	95
25) Chloroform	7.677	83	94568	23.876	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	58869	24.131	ug/L	98
29) Cyclohexane	7.958	56	70431	24.760	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	84248	24.499	ug/L	100
31) Carbon tetrachloride	8.067	117	80199	24.539	ug/L	100
33) Benzene	8.323	78	199576	24.150	ug/L	100
34) Trichloroethene	9.092	95	55359	23.396	ug/L	98
35) Methylcyclohexane	9.335	83	89068	24.336	ug/L	99
37) 1,2-Dichloropropane	9.366	63	46286	24.008	ug/L	99
38) Bromodichloromethane	9.646	83	67746	24.504	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	76334	26.048	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	53093	50.995	ug/L	100
42) Toluene	10.384	91	230263	24.619	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	66833	25.378	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	39895	23.336	ug/L	95
46) Tetrachloroethene	10.860	164	50973	24.592	ug/L	92
48) 2-Hexanone	10.963	43	36584	50.628	ug/L	97
49) Dibromochloromethane	11.128	129	51976	25.030	ug/L	98
50) 1,2-Dibromoethane	11.238	107	41163	24.963	ug/L #	97
51) Chlorobenzene	11.658	112	157268	24.160	ug/L	97
52) Ethylbenzene	11.731	91	258690	24.991	ug/L	96
53) m,p-Xylene	11.835	106	106712	25.053	ug/L	98
54) o-Xylene	12.164	106	100573	25.095	ug/L	91
55) Styrene	12.176	104	172280	25.642	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	48758	24.581	ug/L	98
59) Bromoform	12.347	173	28941	24.380	ug/L #	93
60) Isopropylbenzene	12.463	105	276479	25.658	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	34800	24.563	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	193866	27.056	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	234584	26.788	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	129235	24.176	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	129363	24.149	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	114734	24.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	7057	23.562	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	93542	24.381	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	73006	25.148	ug/L	95
71) Naphthalene	15.359	128	132512	25.857	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	61664	24.558	ug/L	95

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

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