

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024597.D
 Acq On : 09 Sep 2022 14:36
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 00:40:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 10 00:38:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	252195	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	287822	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	162245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	161628	31.042	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 124.160%			
7) Chloroethane-d5	2.873	69	123985	32.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 128.080%			
11) 1,1-Dichloroethene-d2	4.007	63	120009	21.846	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.400%			
21) 2-Butanone-d5	7.074	46	43122m	51.338	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.680%			
24) Chloroform-d	7.641	84	166537	25.928	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.720%			
26) 1,2-Dichloroethane-d4	8.299	65	108038	29.832	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.320%			
32) Benzene-d6	8.269	84	352082	24.868	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.480%			
36) 1,2-Dichloropropane-d6	9.268	67	103490	24.792	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.160%			
41) Toluene-d8	10.317	98	370495	26.843	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.360%			
43) trans-1,3-Dichloroprop...	10.573	79	47693	25.495	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.000%			
47) 2-Hexanone-d5	10.921	63	43339	56.484	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.960%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	118387	29.590	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.360%			
66) 1,2-Dichlorobenzene-d4	13.853	152	145164	28.249	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	28170	23.323	ug/L	91
3) Chloromethane	2.215	50	114169	30.393	ug/L	100
5) Vinyl chloride	2.355	62	195111	30.809	ug/L	99
6) Bromomethane	2.770	94	125298	30.350	ug/L	93
8) Chloroethane	2.910	64	105979	30.760	ug/L	99
9) Trichlorofluoromethane	3.251	101	100809	27.534	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	72001	21.344	ug/L #	88
12) 1,1-Dichloroethene	4.032	96	59779	20.733	ug/L	90
13) Acetone	4.117	43	29543	41.338	ug/L	99
14) Carbon disulfide	4.373	76	150676	19.751	ug/L	99
15) Methyl Acetate	4.666	43	34884	23.093	ug/L	98
16) Methylene chloride	4.903	84	74759	19.866	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	72901	22.073	ug/L	93
18) Methyl tert-butyl Ether	5.422	73	144348	24.541	ug/L	97
19) 1,1-Dichloroethane	6.208	63	148225	24.667	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	90578m	24.443	ug/L	
22) 2-Butanone	7.165	43	54964	47.546	ug/L	95
23) Bromochloromethane	7.507	128	40868	24.088	ug/L	97
25) Chloroform	7.665	83	175474	26.288	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	136048	30.322	ug/L	98
29) Cyclohexane	7.952	56	124889	22.413	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	137532	21.788	ug/L	97
31) Carbon tetrachloride	8.061	117	125078	21.695	ug/L	99
33) Benzene	8.317	78	411546	25.193	ug/L	100
34) Trichloroethene	9.092	95	99454	23.310	ug/L	97
35) Methylcyclohexane	9.329	83	155104	22.722	ug/L	98
37) 1,2-Dichloropropane	9.366	63	105009	25.738	ug/L	100
38) Bromodichloromethane	9.640	83	147356	25.555	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	157165	26.346	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	144914	53.845	ug/L	99
42) Toluene	10.384	91	514617	28.575	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	156860	27.838	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	92966	27.264	ug/L	97
46) Tetrachloroethene	10.860	164	77175	24.549	ug/L	97
48) 2-Hexanone	10.969	43	105814	57.332	ug/L	99
49) Dibromochloromethane	11.122	129	112559	28.237	ug/L	100
50) 1,2-Dibromoethane	11.232	107	87599	26.470	ug/L	94
51) Chlorobenzene	11.652	112	339802	27.311	ug/L	92
52) Ethylbenzene	11.725	91	603199	29.499	ug/L	93
53) m,p-Xylene	11.835	106	235486	29.477	ug/L	87
54) o-Xylene	12.164	106	234227	30.795	ug/L	96
55) Styrene	12.176	104	422174	31.533	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	130278	30.179	ug/L	95
59) Bromoform	12.347	173	64901	27.520	ug/L	96
60) Isopropylbenzene	12.463	105	633469	28.837	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	90311	26.905	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	527933	28.941	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	531897	29.297	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	276325	27.917	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	284958	27.313	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	267279	28.957	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	18996	23.918	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	173592	27.002	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	132158	25.906	ug/L	99
71) Naphthalene	15.359	128	311058	27.560	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	121610	25.624	ug/L	98

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

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