

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090722\
 Data File : VW024579.D
 Acq On : 07 Sep 2022 18:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 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 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 01:20:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:52:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	290442	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	309595	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	148827	24.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.280%
7) Chloroethane-d5	2.873	69	115691	25.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	4.013	63	140397	22.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.760%
21) 2-Butanone-d5	7.080	46	46558	48.130	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.260%
24) Chloroform-d	7.647	84	175272	23.694	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	8.305	65	105296	25.247	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	8.268	84	347977	22.850	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	9.274	67	101263	22.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	10.323	98	347460	23.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	10.579	79	44882	22.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.240%
47) 2-Hexanone-d5	10.927	63	40672	49.280	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	108027	25.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	127167	22.911	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	22023	15.832	ug/L	94
3) Chloromethane	2.215	50	102538	23.702	ug/L	99
5) Vinyl chloride	2.355	62	176460	24.195	ug/L	98
6) Bromomethane	2.769	94	120914	25.431	ug/L	95
8) Chloroethane	2.910	64	99658	25.116	ug/L	94
9) Trichlorofluoromethane	3.245	101	95522	22.654	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	85896	22.110	ug/L #	88
12) 1,1-Dichloroethene	4.031	96	72625	21.871	ug/L	96
13) Acetone	4.117	43	31411	38.164	ug/L	84
14) Carbon disulfide	4.379	76	181688	20.680	ug/L	100
15) Methyl Acetate	4.672	43	41047	23.595	ug/L	98
16) Methylene chloride	4.915	84	88847	20.500	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	87910	23.112	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	167433	24.718	ug/L	100
19) 1,1-Dichloroethane	6.214	63	165013	23.845	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	101803m	23.854	ug/L	
22) 2-Butanone	7.171	43	60486	45.433	ug/L	92
23) Bromochloromethane	7.513	128	45833	23.457	ug/L	95
25) Chloroform	7.677	83	187728	24.420	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	132048	25.555	ug/L	97
29) Cyclohexane	7.951	56	136532	22.779	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	153297	22.578	ug/L	99
31) Carbon tetrachloride	8.067	117	136345	21.986	ug/L	97
33) Benzene	8.323	78	412640	23.483	ug/L	100
34) Trichloroethene	9.085	95	103012	22.446	ug/L	93
35) Methylcyclohexane	9.335	83	168336	22.927	ug/L	98
37) 1,2-Dichloropropane	9.366	63	103649	23.618	ug/L	99
38) Bromodichloromethane	9.640	83	147145	23.723	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	156438	24.380	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	142594	49.256	ug/L	100
42) Toluene	10.384	91	488798	25.232	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	149155	24.609	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	90500	24.674	ug/L	99
46) Tetrachloroethene	10.859	164	80973	23.946	ug/L	89
48) 2-Hexanone	10.963	43	102568	51.665	ug/L	98
49) Dibromochloromethane	11.128	129	106866	24.924	ug/L	100
50) 1,2-Dibromoethane	11.231	107	86466	24.290	ug/L #	97
51) Chlorobenzene	11.658	112	324334	24.235	ug/L	97
52) Ethylbenzene	11.725	91	561526	25.530	ug/L	94
53) m,p-Xylene	11.835	106	220236	25.629	ug/L	95
54) o-Xylene	12.164	106	217244	26.554	ug/L	98
55) Styrene	12.176	104	391937	27.216	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	121323	26.128	ug/L	98
59) Bromoform	12.347	173	61170	24.015	ug/L	93
60) Isopropylbenzene	12.463	105	587358	24.755	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86415	23.835	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	488195	24.778	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	492991	25.140	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	261632	24.473	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	262989	23.338	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	247099	24.785	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18104	21.105	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	166939	24.041	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	125918	22.853	ug/L	96
71) Naphthalene	15.359	128	288696	23.682	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	117153	22.854	ug/L	98

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

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