

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022474.D
 Acq On : 08 Apr 2022 19:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Quant Time: Apr 08 23:37:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 23:31:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	420170	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	412011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	228458	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	182176	19.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.440%
7) Chloroethane-d5	2.892	69	124590	21.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	4.025	63	272541	22.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.480%
21) 2-Butanone-d5	7.080	46	86718	53.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.940%
24) Chloroform-d	7.653	84	329180	25.065	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	8.311	65	178149	23.741	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.960%
32) Benzene-d6	8.275	84	604790	24.026	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	9.274	67	177729	24.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	10.323	98	591344	23.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	10.579	79	81997	23.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.921	63	73763	54.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	166106	26.817	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	219442	27.118	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	57177m	27.760	ug/L	
3) Chloromethane	2.221	50	110383	21.495	ug/L	99
5) Vinyl chloride	2.367	62	220816	20.607	ug/L	98
6) Bromomethane	2.782	94	133737	20.531	ug/L	96
8) Chloroethane	2.928	64	105564	22.503	ug/L	97
9) Trichlorofluoromethane	3.263	101	101282	25.602	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	160676	25.507	ug/L	95
12) 1,1-Dichloroethene	4.044	96	147246	26.027	ug/L	91
13) Acetone	4.129	43	53729	48.661	ug/L	100
14) Carbon disulfide	4.391	76	430342	23.123	ug/L	100
15) Methyl Acetate	4.678	43	66433	23.976	ug/L	94
16) Methylene chloride	4.922	84	163577	25.873	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	161914	24.432	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	271216	25.058	ug/L #	74
19) 1,1-Dichloroethane	6.220	63	280876	23.227	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	179274	25.613	ug/L #	86
22) 2-Butanone	7.171	43	83747	50.220	ug/L	95
23) Bromochloromethane	7.519	128	80341	26.671	ug/L	85
25) Chloroform	7.677	83	304554	23.912	ug/L	98

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27) 1,2-Dichloroethane	8.403	62	208897m	23.336	ug/L	
29) Cyclohexane	7.958	56	253970	21.537	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	267311	23.389	ug/L	97
31) Carbon tetrachloride	8.067	117	242670	23.657	ug/L	98
33) Benzene	8.323	78	644916	23.055	ug/L	100
34) Trichloroethene	9.092	95	179558	23.973	ug/L	98
35) Methylcyclohexane	9.335	83	304243	22.641	ug/L	95
37) 1,2-Dichloropropane	9.366	63	155718	23.237	ug/L	99
38) Bromodichloromethane	9.646	83	225065	23.354	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	252399	23.736	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	200605	49.052	ug/L	95
42) Toluene	10.384	91	742436	23.162	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	225824	23.717	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	127546	24.938	ug/L	93
46) Tetrachloroethene	10.860	164	140025	25.433	ug/L	88
48) 2-Hexanone	10.969	43	140062	48.545	ug/L	97
49) Dibromochloromethane	11.128	129	158086	25.917	ug/L	92
50) 1,2-Dibromoethane	11.231	107	129060	25.555	ug/L	95
51) Chlorobenzene	11.658	112	511861	26.132	ug/L	94
52) Ethylbenzene	11.725	91	836168	23.273	ug/L	98
53) m,p-Xylene	11.841	106	332884	24.367	ug/L	87
54) o-Xylene	12.164	106	325880	24.963	ug/L	93
55) Styrene	12.176	104	546913	24.521	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	155600m	24.787	ug/L	
59) Bromoform	12.347	173	84847	24.993	ug/L	98
60) Isopropylbenzene	12.463	105	877933	23.134	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	115121	23.688	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	496635	23.795	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	756418	23.833	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	384834	24.986	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	389054	25.328	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	350262	25.428	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	27993	24.836	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	265968	26.467	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	228934	27.126	ug/L	99
71) Naphthalene	15.365	128	506056	28.429	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	194970	27.027	ug/L	97

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

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