

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023260.D
 Acq On : 24 May 2022 09:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: May 25 00:41:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 24 01:27:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2022
 Supervised By :Mahesh Dadoda 05/26/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	300669	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	304787	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178121	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	113997	18.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.920%
7) Chloroethane-d5	2.886	69	88054	21.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	4.019	63	172435	21.634	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.520%
21) 2-Butanone-d5	7.074	46	49445	42.158	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.320%
24) Chloroform-d	7.647	84	212381	24.110	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.305	65	112652	23.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.280%
32) Benzene-d6	8.275	84	401827	22.873	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.480%
36) 1,2-Dichloropropane-d6	9.275	67	118890	24.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.323	98	394841	23.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	10.573	79	53018	23.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.320%
47) 2-Hexanone-d5	10.921	63	40510	43.002	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109719	23.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	149510	24.012	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	33939	20.707	ug/L	96
3) Chloromethane	2.215	50	92182	29.105	ug/L	98
5) Vinyl chloride	2.361	62	149655	23.544	ug/L	99
6) Bromomethane	2.776	94	85574	20.968	ug/L	93
8) Chloroethane	2.922	64	80433	26.235	ug/L	95
9) Trichlorofluoromethane	3.257	101	69632	23.968	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	111202	25.598	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	96285	25.003	ug/L	86
13) Acetone	4.117	43	33644	38.314	ug/L	99
14) Carbon disulfide	4.385	76	265038	25.104	ug/L	98
15) Methyl Acetate	4.672	43	42020m	23.819	ug/L	
16) Methylene chloride	4.916	84	111373	25.315	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	110910	25.593	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	168387	25.454	ug/L	99
19) 1,1-Dichloroethane	6.214	63	195029	26.554	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	123175	26.463	ug/L #	97
22) 2-Butanone	7.165	43	54958	44.753	ug/L	100
23) Bromochloromethane	7.507	128	55444	25.434	ug/L	93
25) Chloroform	7.677	83	221849	27.317	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	144953	26.775	ug/L #	95
29) Cyclohexane	7.958	56	172096	26.108	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	192767	26.763	ug/L	99
31) Carbon tetrachloride	8.068	117	179112	26.584	ug/L	100
33) Benzene	8.324	78	482682	26.883	ug/L	100
34) Trichloroethene	9.092	95	127510	25.823	ug/L	98
35) Methylcyclohexane	9.336	83	214864	26.487	ug/L	98
37) 1,2-Dichloropropane	9.366	63	113441	26.108	ug/L	100
38) Bromodichloromethane	9.646	83	160584	26.020	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	181123	26.883	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	125433	45.800	ug/L	99
42) Toluene	10.384	91	552066	27.436	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	161254	26.815	ug/L	100
45) 1,1,2-Trichloroethane	10.787	97	91620	25.223	ug/L	97
46) Tetrachloroethene	10.860	164	101163	27.261	ug/L	91
48) 2-Hexanone	10.963	43	85787	46.881	ug/L	98
49) Dibromochloromethane	11.128	129	114924	26.288	ug/L	100
50) 1,2-Dibromoethane	11.232	107	94541	25.921	ug/L	95
51) Chlorobenzene	11.658	112	357984	26.986	ug/L	99
52) Ethylbenzene	11.732	91	612446	27.358	ug/L	100
53) m,p-Xylene	11.835	106	250346	28.382	ug/L	96
54) o-Xylene	12.164	106	238257	28.148	ug/L	96
55) Styrene	12.177	104	419856	29.191	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	111854	24.654	ug/L	98
59) Bromoform	12.347	173	62599	24.799	ug/L	99
60) Isopropylbenzene	12.463	105	652978	26.759	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81312	22.847	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	355479	26.185	ug/L	99
63) 1,2,4-Trimethylbenzene	13.250	105	551698	27.065	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	285087	26.168	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	292017	25.950	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	263561	26.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17029	21.893	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	192074	26.560	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	151113	25.976	ug/L	99
71) Naphthalene	15.359	128	300900	23.798	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	128310	24.886	ug/L	98

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

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