

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041922\
 Data File : VW022572.D
 Acq On : 19 Apr 2022 09:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

Quant Time: Apr 20 01:19:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 19 01:11:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2022
 Supervised By : Mahesh Dadoda 04/22/2022

04/20/2022
 Supervised By : Mahesh
 Dadoda

04/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	361854	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	354552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203511	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.355	65	185366	23.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.680%
7) Chloroethane-d5	2.885	69	117670	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.880%
11) 1,1-Dichloroethene-d2	4.025	63	279366	26.925	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.720%
21) 2-Butanone-d5	7.073	46	76040	54.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.900%
24) Chloroform-d	7.646	84	302124	26.712	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.840%
26) 1,2-Dichloroethane-d4	8.305	65	166527	25.769	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.080%
32) Benzene-d6	8.274	84	576207	26.600	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	9.274	67	164430	26.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.920%
41) Toluene-d8	10.323	98	570985	26.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.640%
43) trans-1,3-Dichloroprop...	10.579	79	75318	25.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.840%
47) 2-Hexanone-d5	10.920	63	64627	55.412	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	150762	28.285	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	200108	27.760	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.040%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.007	85	34352m	19.366	ug/L
3) Chloromethane	2.221	50	85910	19.425	ug/L
5) Vinyl chloride	2.367	62	199885	21.660	ug/L
6) Bromomethane	2.781	94	116025	20.683	ug/L
8) Chloroethane	2.922	64	93063	23.035	ug/L
9) Trichlorofluoromethane	3.263	101	105967	31.103	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	147180	27.130	ug/L
12) 1,1-Dichloroethene	4.043	96	132444	27.184	ug/L
13) Acetone	4.123	43	55070	57.914	ug/L
14) Carbon disulfide	4.385	76	337377	21.049	ug/L
15) Methyl Acetate	4.671	43	64964	27.225	ug/L
16) Methylene chloride	4.921	84	141575	26.001	ug/L
17) trans-1,2-Dichloroethene	5.421	96	145048	25.414	ug/L
18) Methyl tert-butyl Ether	5.427	73	257055	27.577	ug/L
19) 1,1-Dichloroethane	6.220	63	260319	24.997	ug/L
20) cis-1,2-Dichloroethene	7.171	96	165145	27.396	ug/L
22) 2-Butanone	7.171	43	84056	58.528	ug/L
23) Bromochloromethane	7.512	128	72515	27.952	ug/L
25) Chloroform	7.677	83	293970	26.801	ug/L

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27) 1,2-Dichloroethane	8.396	62	201374	26.121	ug/L	97
29) Cyclohexane	7.957	56	227976	22.466	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	256873	26.118	ug/L	97
31) Carbon tetrachloride	8.067	117	235382	26.665	ug/L	98
33) Benzene	8.323	78	608275	25.269	ug/L	100
34) Trichloroethene	9.091	95	167769	26.030	ug/L	98
35) Methylcyclohexane	9.335	83	273474	23.649	ug/L	95
37) 1,2-Dichloropropane	9.366	63	152551	26.454	ug/L	100
38) Bromodichloromethane	9.646	83	221282	26.683	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	245548	26.834	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	199895	56.799	ug/L	96
42) Toluene	10.384	91	692267	25.097	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	221504	27.034	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	126241	28.683	ug/L	97
46) Tetrachloroethene	10.859	164	127582	26.929	ug/L	93
48) 2-Hexanone	10.969	43	135540	54.591	ug/L	96
49) Dibromochloromethane	11.127	129	160258	30.531	ug/L	98
50) 1,2-Dibromoethane	11.231	107	125720	28.928	ug/L	94
51) Chlorobenzene	11.658	112	452316	26.834	ug/L	94
52) Ethylbenzene	11.731	91	805126	26.041	ug/L	94
53) m,p-Xylene	11.835	106	319333	27.164	ug/L	91
54) o-Xylene	12.164	106	306150	27.252	ug/L	89
55) Styrene	12.176	104	530460	27.638	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	159614	29.548	ug/L	99
59) Bromoform	12.347	173	86298	28.537	ug/L	98
60) Isopropylbenzene	12.463	105	854831	25.286	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	117290	27.093	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	484845	26.078	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	720284	25.477	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	369746	26.949	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	364818	26.661	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	338521	27.589	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	27304	27.195	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	248741	27.787	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	204809	27.242	ug/L	97
71) Naphthalene	15.358	128	450769	28.427	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	177190	27.573	ug/L	99

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

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