

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
 Data File : VW022989.D
 Acq On : 12 May 2022 08:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025528

Quant Time: May 13 01:04:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 12 01:07:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	318191	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	313383	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182461	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	115718	17.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.920%
7) Chloroethane-d5	2.885	69	91997	21.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	4.019	63	172246	20.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.680%
21) 2-Butanone-d5	7.074	46	70695	56.956	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.920%
24) Chloroform-d	7.647	84	239067	25.645	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.560%
26) 1,2-Dichloroethane-d4	8.305	65	129041	25.238	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.960%
32) Benzene-d6	8.275	84	428013	23.695	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	9.274	67	127799	25.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.760%
41) Toluene-d8	10.323	98	406709	23.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.240%
43) trans-1,3-Dichloroprop...	10.579	79	56078	24.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.000%
47) 2-Hexanone-d5	10.920	63	57325	59.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.360%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136131	28.785	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	161335	25.295	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32086	18.498	ug/L	100
3) Chloromethane	2.221	50	75575	22.547	ug/L	99
5) Vinyl chloride	2.361	62	146532	21.783	ug/L	99
6) Bromomethane	2.776	94	90153	20.873	ug/L	95
8) Chloroethane	2.922	64	73540	22.666	ug/L	97
9) Trichlorofluoromethane	3.257	101	72813	23.682	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	111716	24.301	ug/L	98
12) 1,1-Dichloroethene	4.044	96	90567	22.223	ug/L	84
13) Acetone	4.123	43	39932	42.971	ug/L	94
14) Carbon disulfide	4.385	76	207021	18.529	ug/L	97
15) Methyl Acetate	4.672	43	44664m	23.924	ug/L	
16) Methylene chloride	4.915	84	107362	23.059	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	101599	22.154	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	176157	25.162	ug/L	100
19) 1,1-Dichloroethane	6.220	63	190285	24.481	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	119289	24.217	ug/L #	99
22) 2-Butanone	7.171	43	62806	48.327	ug/L	99
23) Bromochloromethane	7.513	128	55299	23.971	ug/L	95
25) Chloroform	7.671	83	217096	25.259	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	141271	24.658	ug/L	99
29) Cyclohexane	7.958	56	153183	22.602	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	186432	25.174	ug/L	99
31) Carbon tetrachloride	8.067	117	168451	24.316	ug/L	100
33) Benzene	8.323	78	448855	24.313	ug/L	100
34) Trichloroethene	9.091	95	121007	23.834	ug/L	97
35) Methylcyclohexane	9.335	83	194302	23.296	ug/L	99
37) 1,2-Dichloropropane	9.366	63	110411	24.714	ug/L	100
38) Bromodichloromethane	9.640	83	162196	25.560	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	179465	25.907	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	138597	49.219	ug/L	99
42) Toluene	10.384	91	510260	24.663	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	161129	26.059	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	95251	25.504	ug/L	97
46) Tetrachloroethene	10.859	164	91246	23.914	ug/L	97
48) 2-Hexanone	10.969	43	97589	51.868	ug/L	98
49) Dibromochloromethane	11.128	129	114433	25.458	ug/L	98
50) 1,2-Dibromoethane	11.237	107	91824	24.485	ug/L	92
51) Chlorobenzene	11.658	112	346090	25.373	ug/L	97
52) Ethylbenzene	11.731	91	589419	25.607	ug/L	99
53) m,p-Xylene	11.841	106	233728	25.771	ug/L	95
54) o-Xylene	12.164	106	224742	25.823	ug/L	98
55) Styrene	12.176	104	397053	26.848	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	123922	26.565	ug/L	97
59) Bromoform	12.347	173	61190	23.664	ug/L	99
60) Isopropylbenzene	12.463	105	620213	24.812	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86352	23.686	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	349005	25.097	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	524652	25.126	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	279283	25.025	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	283847	24.624	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	260079	25.467	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18372	23.058	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	186345	25.155	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	143075	24.010	ug/L	96
71) Naphthalene	15.359	128	326874	25.238	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	131482	24.895	ug/L	99

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

Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

TIC: VW022989.D\data.ms

Abundance

Time-->

Peak labels (from left to right):

- Dichlorodifluoromethane, T
- Vinyl chloride-d3, S
- Chloromethane, T
- Bromomethane, T
- Carbon disulfide, T
- Methyl acetate, T
- Trichlorofluoromethane, T
- Acetone, T
- 1,1,1-Trichloroethane, T
- Carbon tetrachloride, T
- Methylene chloride, T
- Methyl dichloroethene, T
- 1,1-Dichloroethane, T
- 2-Butanone-d5, S
- 1,2-Dichloroethane, T
- Bromochloromethane, T
- 1,1,1-Tri-chloroethane, T
- Carbon tetrachloride, T
- 1,2-Dichloroethane, T
- 1,2-Dibromoethane, T
- 1,4-Difluorobenzene, I
- Trichloroethene, T
- 1,2-Dichloropropane, S
- Bromodichloromethane, T
- Sis-1,3-Dichloropropene, T
- 4-Methyl-2-pentanol, I
- Toluene-d8, T
- trans-1,3-Dichloropropene, T
- Styrene, T
- 1,1,2-Trichloroethane, T
- 2,4-Dibromopentane, T
- Oligomethylchloromethane, T
- 1,2-Dibromochloroethane, T
- Ethylbenzene, T
- m,p-Xylene, T
- Chlorobenzene, T
- p-Xylene, T
- Isopropylbenzene
- 1,3,5-Trimethylbenzene
- 1,2,4-Trimethylbenzene
- 1,3-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- 1,2,3-Trichlorobenzene, T
- 1,3,5-Trichlorobenzene
- 1,2,4-trichlorobenzene, T
- Naphthalene
- 1,2,3-Trichlorobenzene, T