

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024394.D
 Acq On : 27 Aug 2022 11:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

Quant Time: Aug 29 01:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 00:57:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2022
 Supervised By : Mahesh Dadoda 08/30/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	206214	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	224397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	133825	23.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
7) Chloroethane-d5	2.873	69	119689	28.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.400%
11) 1,1-Dichloroethene-d2	4.007	63	120510	24.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.760%
21) 2-Butanone-d5	7.080	46	46123	44.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.100%
24) Chloroform-d	7.641	84	159700	24.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.360%
26) 1,2-Dichloroethane-d4	8.305	65	99265	24.690	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	8.268	84	294555	22.910	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.640%
36) 1,2-Dichloropropane-d6	9.268	67	93591	23.407	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.640%
41) Toluene-d8	10.317	98	296410	24.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	10.573	79	42947	22.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.800%
47) 2-Hexanone-d5	10.920	63	41526	46.410	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127315	28.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	144139	25.141	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	45371	21.967	ug/L	99
3) Chloromethane	2.215	50	84039	21.778	ug/L	99
5) Vinyl chloride	2.355	62	163345	24.215	ug/L	99
6) Bromomethane	2.769	94	121136	25.584	ug/L	93
8) Chloroethane	2.910	64	94931	26.939	ug/L	99
9) Trichlorofluoromethane	3.245	101	86381	27.231	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	72867	23.949	ug/L #	79
12) 1,1-Dichloroethene	4.031	96	60683	24.636	ug/L	90
13) Acetone	4.117	43	24379	39.017	ug/L	99
14) Carbon disulfide	4.379	76	183265	22.387	ug/L	98
15) Methyl Acetate	4.665	43	30478	19.939	ug/L	96
16) Methylene chloride	4.909	84	70228	20.306	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	70770	24.273	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	110668	23.182	ug/L	99
19) 1,1-Dichloroethane	6.208	63	127993	23.216	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	75319m	23.492	ug/L	
22) 2-Butanone	7.171	43	43535	39.052	ug/L	98
23) Bromochloromethane	7.513	128	35479	22.662	ug/L	92
25) Chloroform	7.671	83	142115	23.233	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	106142	23.839	ug/L	99
29) Cyclohexane	7.951	56	115974	23.973	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	111549	21.085	ug/L	97
31) Carbon tetrachloride	8.061	117	105102	21.715	ug/L	99
33) Benzene	8.317	78	320641	22.950	ug/L	100
34) Trichloroethene	9.085	95	81086	22.021	ug/L	93
35) Methylcyclohexane	9.329	83	143321	24.259	ug/L	99
37) 1,2-Dichloropropane	9.366	63	80208	22.246	ug/L	99
38) Bromodichloromethane	9.640	83	110355	22.476	ug/L	96
39) cis-1,3-Dichloropropene	10.067	75	120756	23.960	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	113004	44.077	ug/L	97
42) Toluene	10.384	91	394756	25.603	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	113361	23.147	ug/L	92
45) 1,1,2-Trichloroethane	10.786	97	64247	21.852	ug/L	97
46) Tetrachloroethene	10.859	164	75853	26.524	ug/L	96
48) 2-Hexanone	10.969	43	84572	44.721	ug/L	97
49) Dibromochloromethane	11.128	129	78816	22.665	ug/L	99
50) 1,2-Dibromoethane	11.231	107	63508	22.467	ug/L	92
51) Chlorobenzene	11.652	112	253789	24.524	ug/L	95
52) Ethylbenzene	11.725	91	495932	29.093	ug/L	97
53) m,p-Xylene	11.835	106	195720	29.236	ug/L	97
54) o-Xylene	12.164	106	189435	30.270	ug/L	99
55) Styrene	12.176	104	360794	32.615	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	103475	25.214	ug/L	99
59) Bromoform	12.347	173	51988	21.279	ug/L #	95
60) Isopropylbenzene	12.463	105	536555	26.535	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	70523	20.484	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	452406	27.747	ug/L	98
63) 1,2,4-Trimethylbenzene	13.243	105	449765	28.399	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	230250	23.816	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	238933	23.409	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	221443	24.435	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	15302	17.690	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	137193	21.986	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	106431	21.941	ug/L	99
71) Naphthalene	15.365	128	236882	22.235	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	100270	21.871	ug/L	99

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

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