

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023525.D
 Acq On : 28 Jun 2022 11:19
 Operator : SY/VA
 Sample : VSTD10031
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100431

Quant Time: Jun 29 01:34:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:31:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/29/2022
 Supervised By : Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	421669	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	411760	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	219022	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	425484	78.639	ug/L	0.00
7) Chloroethane-d5	2.879	69	377131	91.947	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	769893	90.408	ug/L	-0.01
21) 2-Butanone-d5	7.074	46	253755	199.214	ug/L	0.00
24) Chloroform-d	7.647	84	998223	92.197	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	511268	89.701	ug/L	0.00
32) Benzene-d6	8.275	84	1831617	89.975	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	554378	91.339	ug/L	0.00
41) Toluene-d8	10.323	98	1964103	98.707	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	275497	100.276	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	226218	232.510	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	538687	96.361	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	740471	97.315	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.002	85	298603m	155.575	ug/L	
3) Chloromethane	2.215	50	534193	103.801	ug/L	97
5) Vinyl chloride	2.361	62	804928	103.328	ug/L	96
6) Bromomethane	2.770	94	477691	107.857	ug/L	97
8) Chloroethane	2.916	64	451172	110.495	ug/L	97
9) Trichlorofluoromethane	3.257	101	405944	99.475	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	564791	101.137	ug/L	98
12) 1,1-Dichloroethene	4.038	96	511483	105.895	ug/L	95
13) Acetone	4.117	43	165115	183.199	ug/L	100
14) Carbon disulfide	4.385	76	1632284	107.720	ug/L	100
15) Methyl Acetate	4.666	43	214203	101.791	ug/L	100
16) Methylene chloride	4.922	84	530788	84.229	ug/L	93
17) trans-1,2-Dichloroethene	5.422	96	592967	104.406	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	848979	104.571	ug/L	99
19) 1,1-Dichloroethane	6.214	63	948102	99.039	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	634831	106.126	ug/L	98
22) 2-Butanone	7.171	43	282500	187.322	ug/L	99
23) Bromochloromethane	7.519	128	293393	103.674	ug/L	87
25) Chloroform	7.677	83	1037716	96.232	ug/L	97
27) 1,2-Dichloroethane	8.403	62	668018	96.344	ug/L	99
29) Cyclohexane	7.958	56	898441	107.198	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	925846	95.295	ug/L	98
31) Carbon tetrachloride	8.068	117	901594	101.054	ug/L	98
33) Benzene	8.324	78	2304236	97.511	ug/L	100
34) Trichloroethene	9.092	95	635911	97.680	ug/L	94
35) Methylcyclohexane	9.336	83	1103645	106.572	ug/L	99
37) 1,2-Dichloropropane	9.366	63	543609	96.861	ug/L	100
38) Bromodichloromethane	9.646	83	789321	98.070	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	938848	108.971	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	668983	211.854	ug/L	97
42) Toluene	10.390	91	2687133	103.360	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	846658	111.309	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	453719	99.088	ug/L	99
46) Tetrachloroethene	10.860	164	516522	100.515	ug/L	97
48) 2-Hexanone	10.969	43	470049	221.313	ug/L	99
49) Dibromochloromethane	11.128	129	607023	108.738	ug/L	93
50) 1,2-Dibromoethane	11.238	107	464277	104.242	ug/L	99
51) Chlorobenzene	11.658	112	1776729	100.662	ug/L	98
52) Ethylbenzene	11.731	91	3024881	104.451	ug/L	99
53) m,p-Xylene	11.835	106	1225280	107.049	ug/L	97
54) o-Xylene	12.164	106	1182985	111.172	ug/L	92
55) Styrene	12.177	104	2031015	110.227	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	545459	98.734	ug/L	99
59) Bromoform	12.347	173	347401	113.852	ug/L	98
60) Isopropylbenzene	12.463	105	3196964	106.670	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	379867	93.471	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	2713911	110.475	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2641269	108.978	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	1425951	103.349	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	1383304	97.656	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	1286242	103.394	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	87677	93.961	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	944333	104.488	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	796976	114.275	ug/L	94
71) Naphthalene	15.359	128	1616362	122.162	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	682094	113.137	ug/L	98

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

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