

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022363.D
 Acq On : 01 Apr 2022 12:38
 Operator : SY/VA
 Sample : VSTD05065
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050465

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 01 13:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 01 13:21:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	319373	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	312796	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169033	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	230746	52.776	ug/L	0.00
7) Chloroethane-d5	2.885	69	152970	45.987	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	359810	53.580	ug/L	-0.01
21) 2-Butanone-d5	7.080	46	131620	164.638	ug/L	0.00
24) Chloroform-d	7.647	84	424289	55.725	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	261054	63.535	ug/L	0.00
32) Benzene-d6	8.275	84	834225	54.624	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	249319	58.055	ug/L	0.00
41) Toluene-d8	10.323	98	800109	53.155	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	133025	67.367	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	112196	152.670	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	231585	62.352	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	256432	46.323	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	95450	89.645	ug/L	93
3) Chloromethane	2.221	50	195031	60.253	ug/L	96
5) Vinyl chloride	2.367	62	303427	59.753	ug/L	96
6) Bromomethane	2.776	94	166602	49.812	ug/L	99
8) Chloroethane	2.922	64	137026	51.033	ug/L	96
9) Trichlorofluoromethane	3.257	101	85602	29.175	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	211414	53.299	ug/L	93
12) 1,1-Dichloroethene	4.044	96	199205	56.992	ug/L	84
13) Acetone	4.123	43	88406	141.005	ug/L	90
14) Carbon disulfide	4.385	76	639042	66.519	ug/L	100
15) Methyl Acetate	4.672	43	122985m	81.613	ug/L	
16) Methylene chloride	4.922	84	213452	51.425	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	233238	59.431	ug/L	89
18) Methyl tert-butyl Ether	5.428	73	412429	73.280	ug/L	# 93
19) 1,1-Dichloroethane	6.220	63	430943	65.703	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	252529	59.773	ug/L	# 82
22) 2-Butanone	7.171	43	154194	164.712	ug/L	87
23) Bromochloromethane	7.513	128	112288	56.055	ug/L	# 63
25) Chloroform	7.677	83	445224	60.215	ug/L	100
27) 1,2-Dichloroethane	8.397	62	346794	71.388	ug/L	# 93
29) Cyclohexane	7.952	56	418127	70.744	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	379826	57.389	ug/L	94
31) Carbon tetrachloride	8.067	117	339907	54.560	ug/L	98
33) Benzene	8.323	78	994856	60.705	ug/L	100
34) Trichloroethene	9.092	95	256021	55.654	ug/L	95
35) Methylcyclohexane	9.335	83	450375	61.867	ug/L	90
37) 1,2-Dichloropropane	9.366	63	251049	64.968	ug/L	98
38) Bromodichloromethane	9.640	83	353519	64.254	ug/L	# 93
39) cis-1,3-Dichloropropene	10.073	75	420069	70.637	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	378071	171.585	ug/L	# 91
42) Toluene	10.384	91	1133810	61.345	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	396474	73.078	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	194344	59.454	ug/L	92
46) Tetrachloroethene	10.860	164	184820	47.993	ug/L	76
48) 2-Hexanone	10.963	43	265407	175.076	ug/L #	95
49) Dibromochloromethane	11.128	129	240841	60.219	ug/L	94
50) 1,2-Dibromoethane	11.231	107	201303	63.399	ug/L #	96
51) Chlorobenzene	11.652	112	679709	54.336	ug/L #	89
52) Ethylbenzene	11.725	91	1255688	61.346	ug/L	94
53) m,p-Xylene	11.835	106	482606	58.343	ug/L	90
54) o-Xylene	12.164	106	462221	59.587	ug/L	86
55) Styrene	12.176	104	812024	61.667	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.713	83	262084	67.903	ug/L	99
59) Bromoform	12.347	173	140943	60.273	ug/L #	98
60) Isopropylbenzene	12.463	105	1264994	58.079	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	195064	67.430	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	719235	51.932	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	1076180	60.451	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	515622	50.141	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	522901	49.933	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	461954	50.161	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	48772	77.577	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	317978	43.888	ug/L	89
70) 1,2,4-trichlorobenzene	15.127	180	275270	48.817	ug/L	97
71) Naphthalene	15.359	128	687951	66.873	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	246914	50.577	ug/L	98

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

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