

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024159.D
 Acq On : 04 Aug 2022 10:59
 Operator : SY/VA
 Sample : VSTD10011
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100411

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/07/2022
 Supervised By : Mahesh Dadoda 08/08/2022

Quant Time: Aug 05 00:40:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:24:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	321391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	310498	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	651941	97.046	ug/L	0.00
7) Chloroethane-d5	2.867	69	447028	106.821	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	765292	99.959	ug/L	0.00
21) 2-Butanone-d5	7.080	46	269025	197.507	ug/L	0.00
24) Chloroform-d	7.647	84	897201	92.262	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	499813	92.576	ug/L	0.00
32) Benzene-d6	8.269	84	1780733	97.244	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	516922	95.611	ug/L	0.00
41) Toluene-d8	10.323	98	1734601	101.343	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	255482	107.883	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	244161	244.566	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	513944	97.976	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	627295	95.188	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.002	85	348912	123.398	ug/L	96
3) Chloromethane	2.209	50	574476	108.332	ug/L	98
5) Vinyl chloride	2.355	62	747068	101.202	ug/L	100
6) Bromomethane	2.757	94	395831	93.519	ug/L	96
8) Chloroethane	2.904	64	370310	114.521	ug/L	96
9) Trichlorofluoromethane	3.245	101	334125	95.482	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	463324	98.129	ug/L	98
12) 1,1-Dichloroethene	4.032	96	412688	106.809	ug/L	93
13) Acetone	4.117	43	165877m	178.306	ug/L	
14) Carbon disulfide	4.379	76	1250986	101.180	ug/L	98
15) Methyl Acetate	4.666	43	212672	106.427	ug/L	97
16) Methylene chloride	4.910	84	433765	76.535	ug/L	95
17) trans-1,2-Dichloroethene	5.416	96	459005	102.570	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	720669	113.266	ug/L	99
19) 1,1-Dichloroethane	6.208	63	773487	98.409	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	516736	105.296	ug/L #	93
22) 2-Butanone	7.171	43	304472	191.681	ug/L	97
23) Bromochloromethane	7.513	128	254485	104.279	ug/L #	93
25) Chloroform	7.671	83	861946	99.519	ug/L	95
27) 1,2-Dichloroethane	8.397	62	589340	101.122	ug/L	99
29) Cyclohexane	7.952	56	713862	112.142	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	714521	102.043	ug/L	99
31) Carbon tetrachloride	8.061	117	675102	102.197	ug/L	97
33) Benzene	8.324	78	1870138	101.978	ug/L	100
34) Trichloroethene	9.092	95	493224	101.755	ug/L	97
35) Methylcyclohexane	9.329	83	841752	110.741	ug/L	98
37) 1,2-Dichloropropane	9.366	63	458244	101.085	ug/L	99
38) Bromodichloromethane	9.640	83	666734	104.863	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	773562	115.989	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	704371	234.120	ug/L	98
42) Toluene	10.384	91	2113069	108.431	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	713374	117.062	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	396722	103.830	ug/L	97
46) Tetrachloroethene	10.860	164	425784	108.504	ug/L	95
48) 2-Hexanone	10.969	43	495048	242.458	ug/L	98
49) Dibromochloromethane	11.128	129	515799	112.134	ug/L	97
50) 1,2-Dibromoethane	11.232	107	401240	109.605	ug/L	96
51) Chlorobenzene	11.658	112	1422165	106.812	ug/L	98
52) Ethylbenzene	11.725	91	2381664	111.549	ug/L	99
53) m,p-Xylene	11.835	106	942619	113.419	ug/L	95
54) o-Xylene	12.164	106	917689	116.879	ug/L	98
55) Styrene	12.177	104	1622298	118.800	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	507238	106.224	ug/L	97
59) Bromoform	12.347	173	309914	112.823	ug/L	98
60) Isopropylbenzene	12.463	105	2441411	111.988	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	359558	100.325	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	2102359	116.697	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2072998	116.837	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1150625	107.784	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	1154895	102.164	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	1090202	107.543	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	83697	99.956	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	773528	110.502	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	666310	118.858	ug/L	99
71) Naphthalene	15.365	128	1486585	136.143	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	595794	116.736	ug/L	99

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

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