

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023535.D
 Acq On : 30 Jun 2022 09:15
 Operator : SY/VA
 Sample : VSTD2.533
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5433

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/05/2022

Quant Time: Jun 30 13:07:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 30 12:56:27 2022
 Response via : Initial Calibration

Supervised By :Mahesh
 Dadoda
 07/05/2022

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

Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	325262	25.000	ug/L	0.00	
28) Chlorobenzene-d5	11.628	117	313778	25.000	ug/L	0.00	
58) 1,4-Dichlorobenzene-d4	13.554	152	150117	25.000	ug/L	0.00	
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	6968	1.500	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 150		Recovery =	6.000%	#		
7) Chloroethane-d5	2.885	69	7338	2.444	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 150		Recovery =	9.760%	#		
11) 1,1-Dichloroethene-d2	4.019	63	11299	1.963	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 110		Recovery =	7.840%	#		
21) 2-Butanone-d5	7.074	46	2361	2.530	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	5.060%	#		
24) Chloroform-d	7.653	84	22999	2.590	ug/L	0.00	
Spiked Amount 25.000	Range 40 - 150		Recovery =	10.360%	#		
26) 1,2-Dichloroethane-d4	8.305	65	12934	2.638	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 130		Recovery =	10.560%	#		
32) Benzene-d6	8.275	84	39424	2.324	ug/L	0.00	
Spiked Amount 25.000	Range 20 - 135		Recovery =	9.280%	#		
36) 1,2-Dichloropropane-d6	9.268	67	11697	2.332	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 120		Recovery =	9.320%	#		
41) Toluene-d8	10.323	98	35858	2.173	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 130		Recovery =	8.680%	#		
43) trans-1,3-Dichloroprop...	10.579	79	4917	2.213	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 135		Recovery =	8.840%	#		
47) 2-Hexanone-d5	10.927	63	3379	3.551	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	7.100%	#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	11272	2.341	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 120		Recovery =	9.360%	#		
66) 1,2-Dichlorobenzene-d4	13.853	152	12669	2.314	ug/L	0.00	
Spiked Amount 25.000	Range 75 - 120		Recovery =	9.240%	#		
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	2.008	85	1279	1.173	ug/L		95
3) Chloromethane	2.215	50	7200	1.851	ug/L		91
5) Vinyl chloride	2.355	62	7844	1.497	ug/L	#	72
6) Bromomethane	2.770	94	8197	2.372	ug/L		81
8) Chloroethane	2.916	64	7202m	3.059	ug/L		
9) Trichlorofluoromethane	3.135	101	63	0.026	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	9994	2.543	ug/L	#	81
12) 1,1-Dichloroethene	4.044	96	6406	1.956	ug/L		75
13) Acetone	4.123	43	4715	6.131	ug/L		68
14) Carbon disulfide	4.379	76	14549	1.650	ug/L	#	93
15) Methyl Acetate	4.672	43	3872	2.628	ug/L	#	81
16) Methylene chloride	4.903	84	8899	1.918	ug/L		85
17) trans-1,2-Dichloroethene	5.416	96	10273m	2.490	ug/L		
18) Methyl tert-butyl Ether	5.434	73	14093	2.330	ug/L		95
19) 1,1-Dichloroethane	6.214	63	20105	2.763	ug/L		97
20) cis-1,2-Dichloroethene	7.165	96	11602	2.581	ug/L		74
22) 2-Butanone	7.177	43	7652	5.832	ug/L		90
23) Bromochloromethane	7.513	128	5694	2.559	ug/L		94
25) Chloroform	7.677	83	22442	2.763	ug/L		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	14682	2.733	ug/L	97
29) Cyclohexane	7.952	56	12780	2.319	ug/L #	92
30) 1,1,1-Trichloroethane	7.866	97	17527	2.575	ug/L #	73
31) Carbon tetrachloride	8.067	117	16908	2.748	ug/L	96
33) Benzene	8.324	78	45643	2.586	ug/L	100
34) Trichloroethene	9.092	95	12575	2.659	ug/L	90
35) Methylcyclohexane	9.336	83	15847	2.129	ug/L	93
37) 1,2-Dichloropropane	9.275	63	1780	0.417	ug/L	97
38) Bromodichloromethane	9.640	83	15823	2.588	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	14783	2.236	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	12321	4.403	ug/L	98
42) Toluene	10.390	91	44750	2.292	ug/L	87
44) trans-1,3-Dichloropropene	10.604	75	13644	2.233	ug/L	98
45) 1,1,2-Trichloroethane	10.780	97	9370	2.581	ug/L	96
46) Tetrachloroethene	10.866	164	9198	2.418	ug/L	94
48) 2-Hexanone	10.969	43	7635	3.972	ug/L	95
49) Dibromochloromethane	11.128	129	10204	2.300	ug/L	95
50) 1,2-Dibromoethane	11.232	107	8688	2.402	ug/L #	93
51) Chlorobenzene	11.658	112	33552	2.511	ug/L	99
52) Ethylbenzene	11.731	91	50676	2.327	ug/L	100
53) m,p-Xylene	11.835	106	18184	2.124	ug/L	88
54) o-Xylene	12.164	106	17524	2.167	ug/L	99
55) Styrene	12.177	104	29214	2.067	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	11064	2.369	ug/L	98
59) Bromoform	12.353	173	5526	2.481	ug/L	99
60) Isopropylbenzene	12.463	105	45887	2.317	ug/L	97
61) 1,2,3-Trichloropropane	12.762	75	8341	2.758	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	36853	2.240	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	35068	2.124	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	23780	2.498	ug/L	91
65) 1,4-Dichlorobenzene	13.573	146	25752	2.668	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	21759	2.523	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.475	75	1876	2.713	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	15787	2.484	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	11445	2.232	ug/L	94
71) Naphthalene	15.365	128	20726	1.948	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	10179	2.175	ug/L	99

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

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