

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024160.D
 Acq On : 04 Aug 2022 11:48
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV412

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 00:51:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:43:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	300498	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	295011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	168947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	156832	24.969	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.880%		
7) Chloroethane-d5	2.873	69	92573	23.659	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.640%		
11) 1,1-Dichloroethene-d2	4.013	63	171527	23.962	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.840%		
21) 2-Butanone-d5	7.080	46	60296	51.598	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.200%		
24) Chloroform-d	7.641	84	218788	24.063	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.240%		
26) 1,2-Dichloroethane-d4	8.305	65	120107	23.793	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.160%		
32) Benzene-d6	8.268	84	419810	24.129	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.520%		
36) 1,2-Dichloropropane-d6	9.274	67	121934	23.736	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.960%		
41) Toluene-d8	10.323	98	396472	24.380	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.520%		
43) trans-1,3-Dichloroprop...	10.579	79	53731	23.880	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.520%		
47) 2-Hexanone-d5	10.920	63	50797	53.536	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.080%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123013	24.682	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.720%		
66) 1,2-Dichlorobenzene-d4	13.853	152	149052	24.109	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	76490	28.933	ug/L	100
3) Chloromethane	2.209	50	132821	26.788	ug/L	98
5) Vinyl chloride	2.349	62	177700	25.746	ug/L	97
6) Bromomethane	2.763	94	95179	24.051	ug/L	94
8) Chloroethane	2.910	64	75565	24.994	ug/L	98
9) Trichlorofluoromethane	3.245	101	73296	22.402	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	111993	25.379	ug/L	99
12) 1,1-Dichloroethene	4.025	96	89852	24.872	ug/L	88
13) Acetone	4.123	43	41811m	48.597	ug/L	
14) Carbon disulfide	4.379	76	299860	25.939	ug/L	97
15) Methyl Acetate	4.665	43	51491m	26.571	ug/L	
16) Methylene chloride	4.903	84	110926	20.933	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	105857	25.373	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	159637	26.834	ug/L	100
19) 1,1-Dichloroethane	6.214	63	188503	25.650	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	119194	26.015	ug/L #	97
22) 2-Butanone	7.171	43	69725	48.094	ug/L	98
23) Bromochloromethane	7.519	128	59903	26.253	ug/L #	89
25) Chloroform	7.671	83	208259	25.717	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	142803	26.207	ug/L	97
29) Cyclohexane	7.951	56	162326	26.839	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	168871	25.383	ug/L	99
31) Carbon tetrachloride	8.067	117	160686	25.602	ug/L	98
33) Benzene	8.317	78	448369	25.733	ug/L	100
34) Trichloroethene	9.092	95	115175	25.009	ug/L	97
35) Methylcyclohexane	9.329	83	188908	26.157	ug/L	99
37) 1,2-Dichloropropane	9.366	63	110881	25.744	ug/L	99
38) Bromodichloromethane	9.640	83	153504	25.410	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	170320	26.879	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	155651	54.451	ug/L	100
42) Toluene	10.384	91	496616	26.821	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	154780	26.732	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94734	26.095	ug/L	97
46) Tetrachloroethene	10.860	164	95092	25.505	ug/L	96
48) 2-Hexanone	10.969	43	109103	56.240	ug/L	98
49) Dibromochloromethane	11.128	129	116719	26.707	ug/L	100
50) 1,2-Dibromoethane	11.231	107	93183	26.791	ug/L #	96
51) Chlorobenzene	11.658	112	327740	25.907	ug/L	93
52) Ethylbenzene	11.731	91	544542	26.843	ug/L	96
53) m,p-Xylene	11.835	106	217162	27.501	ug/L	97
54) o-Xylene	12.164	106	204686	27.438	ug/L	97
55) Styrene	12.176	104	373397	28.779	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	121468	26.773	ug/L	95
59) Bromoform	12.347	173	66735	25.896	ug/L	99
60) Isopropylbenzene	12.463	105	554019	27.088	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87563	26.043	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	475315	28.123	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	459888	27.629	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	265513	26.511	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	279144	26.322	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	243989	25.655	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	20483	26.075	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	180346	27.462	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	150766	28.667	ug/L	96
71) Naphthalene	15.365	128	306742	29.944	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	134315	28.052	ug/L	98

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

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