

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024350.D
 Acq On : 26 Aug 2022 13:48
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV424

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2022
 Supervised By : Mahesh Dadoda 08/30/2022

Quant Time: Aug 27 00:27:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 00:19:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	298898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	303661	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	181943	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	188385	22.864	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.440%		
7) Chloroethane-d5	2.873	69	142423	23.071	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.280%		
11) 1,1-Dichloroethene-d2	4.007	63	161695	22.628	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.520%		
21) 2-Butanone-d5	7.074	46	77639m	51.159	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.320%		
24) Chloroform-d	7.647	84	239152	24.888	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.560%		
26) 1,2-Dichloroethane-d4	8.305	65	150145	25.765	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.080%		
32) Benzene-d6	8.269	84	452092	25.985	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.920%		
36) 1,2-Dichloropropane-d6	9.268	67	141172	26.091	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.360%		
41) Toluene-d8	10.323	98	429742	25.979	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.920%		
43) trans-1,3-Dichloroprop...	10.573	79	67705	26.739	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	106.960%		
47) 2-Hexanone-d5	10.920	63	72236	59.658	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.320%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	168736	27.544	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	110.160%		
66) 1,2-Dichlorobenzene-d4	13.853	152	176746	25.797	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	74136	24.764	ug/L	99
3) Chloromethane	2.209	50	134591	24.063	ug/L	98
5) Vinyl chloride	2.349	62	232541	23.783	ug/L	97
6) Bromomethane	2.763	94	149837	21.832	ug/L	98
8) Chloroethane	2.910	64	117803	23.064	ug/L	100
9) Trichlorofluoromethane	3.239	101	88619	19.274	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	98464	22.327	ug/L	98
12) 1,1-Dichloroethene	4.025	96	83928	23.508	ug/L	94
13) Acetone	4.123	43	41487	45.809	ug/L	99
14) Carbon disulfide	4.373	76	276904	23.337	ug/L	100
15) Methyl Acetate	4.666	43	56754	25.616	ug/L	99
16) Methylene chloride	4.909	84	108952	21.734	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	106439	25.187	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	185497	26.808	ug/L	99
19) 1,1-Dichloroethane	6.208	63	197222	24.680	ug/L	96
20) cis-1,2-Dichloroethene	7.159	96	120399m	25.908	ug/L	
22) 2-Butanone	7.171	43	82967	51.346	ug/L	99
23) Bromochloromethane	7.506	128	57075	25.152	ug/L	96
25) Chloroform	7.671	83	220454	24.865	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	168994	26.186	ug/L	100
29) Cyclohexane	7.952	56	178834	27.317	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	178453	24.926	ug/L	98
31) Carbon tetrachloride	8.061	117	161260	24.621	ug/L	100
33) Benzene	8.317	78	509428	26.945	ug/L	100
34) Trichloroethene	9.085	95	125248	25.135	ug/L	89
35) Methylcyclohexane	9.329	83	218146	27.286	ug/L	99
37) 1,2-Dichloropropane	9.366	63	129567	26.556	ug/L	99
38) Bromodichloromethane	9.640	83	177961	26.784	ug/L	94
39) cis-1,3-Dichloropropene	10.067	75	194173	28.470	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	207019	59.669	ug/L	99
42) Toluene	10.384	91	589454	28.251	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	184246	27.801	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	109303	27.472	ug/L	97
46) Tetrachloroethene	10.860	164	101764	26.296	ug/L	95
48) 2-Hexanone	10.963	43	149835	58.550	ug/L	98
49) Dibromochloromethane	11.128	129	130725	27.779	ug/L	95
50) 1,2-Dibromoethane	11.231	107	108494	28.363	ug/L	93
51) Chlorobenzene	11.652	112	374129	26.716	ug/L	98
52) Ethylbenzene	11.725	91	652060	28.267	ug/L	98
53) m,p-Xylene	11.835	106	250218	27.621	ug/L	97
54) o-Xylene	12.164	106	241508	28.518	ug/L	94
55) Styrene	12.176	104	443666	29.638	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	153131	27.574	ug/L	98
59) Bromoform	12.347	173	75133	25.732	ug/L	99
60) Isopropylbenzene	12.463	105	652453	27.000	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	111377	27.070	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	558797	28.678	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	551008	29.113	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	296517	25.664	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	308757	25.312	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	288629	26.650	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	25541	24.708	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	189920	25.467	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	154802	26.703	ug/L	99
71) Naphthalene	15.359	128	380940	29.921	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	149249	27.241	ug/L	97

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

