Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
Data File : VW026518.D
Acq On : 03 Jul 2023 20:45
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV405

Quant Time: Jul 04 13:22:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 04 13:17:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	487637	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	472036	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	252752	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	238318	32.501	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 130.000%			
7) Chloroethane-d5	2.893	69	187140	30.849	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 123.400%			
11) 1,1-Dichloroethene-d2	4.027	65	104947	30.686	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 122.760%#			
21) 2-Butanone-d5	7.075	46	138354	49.323	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.640%			
24) Chloroform-d	7.648	84	376890	26.234	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.920%			
26) 1,2-Dichloroethane-d4	8.307	65	219461	26.264	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.040%			
32) Benzene-d6	8.276	84	724351	24.068	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.280%			
36) 1,2-Dichloropropane-d6	9.276	67	226501	23.605	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.400%			
41) Toluene-d8	10.325	98	785299	29.065	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.240%			
43) trans-1,3-Dichloroprop...	10.581	79	104721	26.909	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.640%			
47) 2-Hexanone-d5	10.922	63	76763	40.180	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.360%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217873	25.949	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.800%			
66) 1,2-Dichlorobenzene-d4	13.849	152	231682	23.080	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	138685	24.953	ug/L #	89
3) Chloromethane	2.229	50	268866	29.915	ug/L	99
5) Vinyl chloride	2.381	62	262796	29.689	ug/L	96
6) Bromomethane	2.783	94	149608	28.949	ug/L	91
8) Chloroethane	2.930	64	160731	30.144	ug/L	100
9) Trichlorofluoromethane	3.265	101	163058	28.657	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	202214	30.395	ug/L	95
12) 1,1-Dichloroethene	4.051	96	189215	30.750	ug/L	90
13) Acetone	4.125	43	92357	53.087	ug/L	98
14) Carbon disulfide	4.393	76	587743	30.087	ug/L	100
15) Methyl Acetate	4.667	43	128978	29.796	ug/L	100
16) Methylene chloride	4.923	84	226584	26.074	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	205741	29.711	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	372067	30.732	ug/L	99
19) 1,1-Dichloroethane	6.216	63	427103	28.641	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	209817	26.410	ug/L	97
22) 2-Butanone	7.167	43	156524	48.340	ug/L	99
23) Bromochloromethane	7.508	128	81507	24.772	ug/L	94
25) Chloroform	7.679	83	350379	26.218	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 04 13:17:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	260792	26.484	ug/L	98
29) Cyclohexane	7.953	56	311087	23.656	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	264565	24.911	ug/L	98
31) Carbon tetrachloride	8.063	117	239980	25.063	ug/L	99
33) Benzene	8.325	78	723469	23.666	ug/L	100
34) Trichloroethene	9.093	95	181896	23.329	ug/L	97
35) Methylcyclohexane	9.337	83	306304	22.999	ug/L	99
37) 1,2-Dichloropropane	9.368	63	228138	27.241	ug/L	100
38) Bromodichloromethane	9.642	83	239722	24.258	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	352477	28.543	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	304862	47.043	ug/L	98
42) Toluene	10.386	91	890516	28.620	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	284167	27.458	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	140023	22.744	ug/L	98
46) Tetrachloroethene	10.861	164	123556	22.583	ug/L	88
48) 2-Hexanone	10.965	43	203399	45.010	ug/L	99
49) Dibromochloromethane	11.129	129	147820	23.965	ug/L	86
50) 1,2-Dibromoethane	11.233	107	164193	29.082	ug/L	99
51) Chlorobenzene	11.654	112	458883	22.563	ug/L	96
52) Ethylbenzene	11.727	91	900269	24.501	ug/L	99
53) m,p-Xylene	11.837	106	343129	25.540	ug/L	98
54) o-Xylene	12.166	106	367268	28.214	ug/L	93
55) Styrene	12.178	104	649529	29.178	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	208204	25.833	ug/L	99
59) Bromoform	12.349	173	90285	22.771	ug/L	98
60) Isopropylbenzene	12.459	105	981085	25.308	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	157377	23.899	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	780598	24.422	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	656092	21.338	ug/L	99
64) 1,3-Dichlorobenzene	13.501	146	347010	21.040	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	435092	26.457	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	367735	23.668	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	40884	24.620	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	305136	27.814	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	264171	29.518	ug/L	98
71) Naphthalene	15.360	128	595080	29.712	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230895	28.876	ug/L	97

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

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