Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
Data File : VD075972.D
Acq On : 02 May 2023 19:01
Operator : KP/SY
Sample : 02564-18MS
Misc : 5.73G/10.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 03 02:51:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 03 02:37:35 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	122847	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	128021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	64059	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	60299	22.375	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.480%			
7) Chloroethane-d5	2.799	69	55408	23.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	3.911	65	13329	21.453	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.800%			
21) 2-Butanone-d5	6.981	46	28126	120.220	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 240.440%#			
24) Chloroform-d	7.569	84	82701	26.921	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.680%			
26) 1,2-Dichloroethane-d4	8.228	65	43722	33.328	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 133.320%#			
32) Benzene-d6	8.204	84	157550	21.115	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.440%			
36) 1,2-Dichloropropane-d6	9.210	67	50169	24.291	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.160%			
41) Toluene-d8	10.269	98	145878	20.883	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.520%			
43) trans-1,3-Dichloroprop...	10.528	79	23319	27.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.280%			
47) 2-Hexanone-d5	10.875	63	22949	92.285	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 184.560%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	65605	41.511	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 166.040%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	53052	23.414	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	41789	24.676	ug/L	99
3) Chloromethane	2.146	50	75545	31.999	ug/L	100
5) Vinyl chloride	2.281	62	79850	25.879	ug/L	99
6) Bromomethane	2.687	94	44309	21.371	ug/L	99
8) Chloroethane	2.834	64	54788	27.456	ug/L	100
9) Trichlorofluoromethane	3.175	101	60269	24.310	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	40755	24.470	ug/L #	57
12) 1,1-Dichloroethene	3.940	96	37152	23.001	ug/L #	80
13) Acetone	4.022	43	54794	273.680	ug/L	98
14) Carbon disulfide	4.263	76	136299	24.159	ug/L	98
15) Methyl Acetate	4.569	43	26639	61.394	ug/L #	62
16) Methylene chloride	4.799	84	64551	25.902	ug/L	90
17) trans-1,2-Dichloroethene	5.310	96	44608	24.629	ug/L	95
18) Methyl tert-butyl Ether	5.310	73	100975m	34.756	ug/L	
19) 1,1-Dichloroethane	6.105	63	78145	29.452	ug/L	96
20) cis-1,2-Dichloroethene	7.069	96	52401m	27.362	ug/L	
22) 2-Butanone	7.081	43	37140	142.292	ug/L	92
23) Bromochloromethane	7.428	128	31286	35.225	ug/L #	89
25) Chloroform	7.593	83	87022	29.264	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	58309	37.988	ug/L		100
29) Cyclohexane	7.875	56	40524	18.491	ug/L	#	89
30) 1,1,1-Trichloroethane	7.793	97	62580	23.104	ug/L		99
31) Carbon tetrachloride	7.993	117	46086	21.208	ug/L		97
33) Benzene	8.251	78	183742	23.728	ug/L		100
34) Trichloroethene	9.028	95	44144	22.043	ug/L		96
35) Methylcyclohexane	9.275	83	51846	16.792	ug/L		95
37) 1,2-Dichloropropane	9.304	63	51699	29.064	ug/L		97
38) Bromodichloromethane	9.587	83	67392	28.098	ug/L		95
39) cis-1,3-Dichloropropene	10.016	75	73415	25.951	ug/L		93
40) 4-Methyl-2-pentanone	10.163	43	63907	98.538	ug/L		93
42) Toluene	10.334	91	202334	24.145	ug/L		98
44) trans-1,3-Dichloropropene	10.557	75	69798	30.713	ug/L		99
45) 1,1,2-Trichloroethane	10.734	97	51687	34.155	ug/L		95
46) Tetrachloroethene	10.816	164	39208	23.870	ug/L		94
48) 2-Hexanone	10.922	43	47421	103.717	ug/L		93
49) Dibromochloromethane	11.075	129	52748	32.018	ug/L		99
50) 1,2-Dibromoethane	11.181	107	51317	37.613	ug/L		90
51) Chlorobenzene	11.610	112	135304	24.680	ug/L		96
52) Ethylbenzene	11.687	91	183984	21.410	ug/L		97
53) m,p-Xylene	11.792	106	76780	22.439	ug/L		94
54) o-Xylene	12.122	106	75134	23.118	ug/L		96
55) Styrene	12.140	104	141199	24.962	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.675	83	67970	44.143	ug/L	#	96
59) Bromoform	12.298	173	36813	37.497	ug/L		99
60) Isopropylbenzene	12.422	105	173981	20.483	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	45533	45.248	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	124836	19.709	ug/L		95
63) 1,2,4-Trimethylbenzene	13.216	105	125060	20.483	ug/L		97
64) 1,3-Dichlorobenzene	13.463	146	97909	24.091	ug/L		96
65) 1,4-Dichlorobenzene	13.539	146	104424	24.482	ug/L		97
67) 1,2-Dichlorobenzene	13.834	146	97063	26.744	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.451	75	10654	52.960	ug/L		87
69) 1,3,5-Trichlorobenzene	14.598	180	55392	20.334	ug/L		99
70) 1,2,4-trichlorobenzene	15.104	180	46359	20.536	ug/L		99
71) Naphthalene	15.333	128	128174	31.026	ug/L		99
72) 1,2,3-Trichlorobenzene	15.528	180	47586	23.615	ug/L		98

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

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