Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050204.D
Acq On : 8 Sep 2021 17:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 09 04:29:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020515

Manual Integrations APPROVED

mohammad

9/9/2021 11:45:59 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	31221	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.764	136	184063	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.606	164	85814	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.361	188	192306	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.637	240	197656	20.000	ng/ul	0.00
88) Perylene-d12	24.851	264	205091	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	5879m	9.309	ng/uL	0.00
4) Pyridine-d5	3.738	84	54604	24.358	ng/ul	0.00
7) Phenol-d5	7.122	99	53014	21.870	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	28689	20.265	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.480	132	39534	19.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	54829	28.767	ng/ul	0.00
21) Nitrobenzene-d5	9.119	128	26554	21.018	ng/ul	0.00
24) 2-Nitrophenol-d4	9.847	143	43625	28.397	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.400	165	75866	25.875	ng/ul	0.00
31) 4-Chloroaniline-d4	10.911	131	73932	20.466	ng/ul	0.00
46) Dimethylphthalate-d6	14.012	166	124508	19.215	ng/ul	0.00
49) Acenaphthylene-d8	14.300	160	151544	19.642	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.846	143	14351	18.355	ng/ul	0.00
60) Fluorene-d10	15.604	176	109104	20.279	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	20372	17.562	ng/ul	0.00
73) Anthracene-d10	17.461	188	170061	19.699	ng/ul	0.00
81) Pyrene-d10	19.752	212	196887	19.998	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.627	264	208069	19.165	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	7533	10.475	ng/uL	98
5) Pyridine	3.761	79	68730	29.170	ng/ul#	80
6) Benzaldehyde	7.080	77	24209	18.016	ng/ul	91
8) Phenol	7.151	94	51366	21.518	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.362	93	39255	22.179	ng/ul	94
12) 2-Chlorophenol	7.509	128	38918	19.852	ng/ul#	88
13) 2-Methylphenol	8.408	108	54519	28.376	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.484	45	54864	30.716	ng/ul	98
16) Acetophenone	8.778	105	97719	34.847	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.749	70	40356	26.987	ng/ul#	90
18) 4-Methylphenol	8.731	108	54748m	30.001	ng/ul	
19) Hexachloroethane	9.031	117	28216	34.506	ng/ul	98
22) Nitrobenzene	9.160	77	68247	20.742	ng/ul	95
23) Isophorone	9.683	82	180356	28.706	ng/ul#	94
25) 2-Nitrophenol	9.883	139	42042	27.741	ng/ul#	89
26) 2,4-Dimethylphenol	9.941	107	94543	26.215	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.165	93	103323	27.110	ng/ul	96
29) 2,4-Dichlorophenol	10.423	162	71084	26.506	ng/ul	95
30) Naphthalene	10.817	128	172926	20.456	ng/ul	97
32) 4-Chloroaniline	10.934	127	73614	21.634	ng/ul	92
33) Hexachlorobutadiene	11.093	225	38749	18.228	ng/ul	92
34) Caprolactam	11.698	113	11864m	14.541	ng/ul	
35) 4-Chloro-3-methylphenol	12.074	107	44945	14.870	ng/ul	99
36) 2-Methylnaphthalene	12.426	142	92621	14.816	ng/ul	96

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37) 1-Methylnaphthalene	12.649	142	94124	15.681	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.802	216	52873	18.217	ng/ul#	96
40) Hexachlorocyclopentadiene	12.773	237	10890	13.837	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.049	196	31569	19.264	ng/ul	94
42) 2,4,5-Trichlorophenol	13.137	196	32761	19.117	ng/ul	97
43) 1,1'-Biphenyl	13.437	154	121429	19.601	ng/ul	96
44) 2-Chloronaphthalene	13.484	162	94861	19.471	ng/ul	99
45) 2-Nitroaniline	13.695	65	29093	18.862	ng/ul	96
47) Dimethylphthalate	14.059	163	121038	19.571	ng/ul#	98
48) 2,6-Dinitrotoluene	14.189	165	25481	19.350	ng/ul	96
50) Acenaphthylene	14.329	152	145237	20.142	ng/ul	97
51) 3-Nitroaniline	14.523	138	19931	16.625	ng/ul#	88
52) Acenaphthene	14.676	153	100811	19.621	ng/ul	95
53) 2,4-Dinitrophenol	14.758	184	9121	16.912	ng/ul#	80
55) 4-Nitrophenol	14.858	109	15659	17.997	ng/ul	92
56) Dibenzofuran	15.011	168	140254	19.841	ng/ul	99
57) 2,4-Dinitrotoluene	14.987	165	37486	19.921	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.246	232	25936	19.982	ng/ul	96
59) Diethylphthalate	15.416	149	124265	19.879	ng/ul#	95
61) Fluorene	15.657	166	117115	19.761	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.645	204	62357	19.761	ng/ul	99
63) 4-Nitroaniline	15.692	138	16410m	14.697	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.763	198	17904	17.378	ng/ul	97
67) N-Nitrosodiphenylamine	15.863	169	100733	19.372	ng/ul	97
68) 4-Bromophenyl-phenylether	16.544	248	43738	19.193	ng/ul	96
69) Hexachlorobenzene	16.668	284	48530	18.783	ng/ul	98
70) Atrazine	16.814	200	43691	20.039	ng/ul	95
71) Pentachlorophenol	17.026	266	15379	21.730	ng/ul	91
72) Phenanthrene	17.402	178	195059	19.888	ng/ul	97
74) Anthracene	17.496	178	196575m	19.766	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.407	216	54326	18.229	ng/uL	98
76) Pentachlorobenzene	14.935	250	56849	18.475	ng/uL	96
77) Carbazole	17.772	167	172052	19.623	ng/ul	98
78) Di-n-butylphthalate	18.312	149	213012	20.089	ng/ul	98
80) Fluoranthene	19.423	202	245510	20.063	ng/ul#	97
82) Pyrene	19.781	202	247079	20.587	ng/ul	99
83) Butylbenzylphthalate	20.656	149	93722	20.418	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.526	252	85014	19.940	ng/ul	98
85) Benzo(a)anthracene	21.614	228	239400	19.784	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.502	149	130676	19.063	ng/ul#	96
87) Chrysene	21.678	228	224211	19.877	ng/ul	97
89) Di-n-octyl phthalate	22.701	149	223468	18.827	ng/ul	100
90) Benzo(b)fluoranthene	23.828	252	249910	19.471	ng/ul	94
91) Benzo(k)fluoranthene	23.893	252	234632	19.151	ng/ul	99
93) Benzo(a)pyrene	24.692	252	215011	19.162	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.534	276	274748	18.686	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.581	278	229128	18.786	ng/ul#	98
96) Benzo(g,h,i)perylene	29.679	276	222488	18.887	ng/ul	95

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

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