Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032322\
Data File : BG052803.D
Acq On : 23 Mar 2022 18:45
Operator : CG/JU
Sample : PB143536BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS536

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/24/2022
Supervised By :mohammad ahmed 03/25/2022

Quant Time: Mar 24 04:33:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.141	152	29385	20.000	ng/ul		0.00
20) Naphthalene-d8	10.954	136	120937	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.761	164	92764	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.504	188	226390	20.000	ng/ul		0.00
79) Chrysene-d12	21.793	240	235850	20.000	ng/ul	#	0.00
88) Perylene-d12	25.112	264	250179	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.559	96	5349m	6.430	ng/uL		0.00
4) Pyridine-d5	3.970	84	69808	33.613	ng/ul		0.00
7) Phenol-d5	7.289	99	96023	36.484	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.459	67	59107	36.771	ng/ul		0.00
11) 2-Chlorophenol-d4	7.671	132	64433	36.055	ng/ul		0.00
15) 4-Methylphenol-d8	8.840	113	69529	36.469	ng/ul		0.00
21) Nitrobenzene-d5	9.304	128	32951	37.851	ng/ul		0.00
24) 2-Nitrophenol-d4	10.026	143	38497	41.926	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.567	165	73027	36.558	ng/ul		0.00
31) 4-Chloroaniline-d4	11.078	131	85778	32.490	ng/ul		0.00
46) Dimethylphthalate-d6	14.162	166	262856	36.884	ng/ul		0.00
49) Acenaphthylene-d8	14.456	160	302440	34.925	ng/ul		0.00
54) 4-Nitrophenol-d4	14.937	143	48139	40.176	ng/ul		0.00
60) Fluorene-d10	15.754	176	223307	35.687	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.860	200	45776	39.733	ng/ul		0.00
73) Anthracene-d10	17.604	188	371716	35.260	ng/ul		0.00
81) Pyrene-d10	19.884	212	466858	35.384	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.883	264	464440	35.928	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.594	88	11310	11.096	ng/uL		94
5) Pyridine	3.993	79	75303	33.556	ng/ul		99
6) Benzaldehyde	7.271	77	62713m	35.843	ng/ul		
8) Phenol	7.312	94	93295	36.780	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.553	93	68441	35.766	ng/ul		97
12) 2-Chlorophenol	7.706	128	65987	36.140	ng/ul		95
13) 2-Methylphenol	8.575	108	71457	36.247	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.669	45	116122	37.334	ng/ul	#	96
16) Acetophenone	8.963	105	110543	37.166	ng/ul		94
17) N-Nitroso-di-n-propyla...	8.945	70	65017	37.497	ng/ul		98
18) 4-Methylphenol	8.904	108	76999	37.488	ng/ul		96
19) Hexachloroethane	9.239	117	27846	34.373	ng/ul		87
22) Nitrobenzene	9.345	77	95822	37.670	ng/ul	#	89
23) Isophorone	9.874	82	178924	36.800	ng/ul		97
25) 2-Nitrophenol	10.062	139	38896	40.850	ng/ul		93
26) 2,4-Dimethylphenol	10.114	107	89095	37.762	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.349	93	100140	37.036	ng/ul		96
29) 2,4-Dichlorophenol	10.596	162	71234	36.677	ng/ul		98
30) Naphthalene	11.007	128	222865	35.610	ng/ul		99
32) 4-Chloroaniline	11.101	127	82767	31.904	ng/ul		97
33) Hexachlorobutadiene	11.301	225	58057	36.602	ng/ul		96
34) Caprolactam	11.853	113	26499m	45.302	ng/ul		
35) 4-Chloro-3-methylphenol	12.212	107	83932	39.839	ng/ul		92
36) 2-Methylnaphthalene	12.599	142	160917	36.433	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.823	142	165434	36.998	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.969	216	102782	33.522	ng/ul	98
40) Hexachlorocyclopentadiene	12.952	237	69348	32.670	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	69126	36.895	ng/ul	95
42) 2,4,5-Trichlorophenol	13.269	196	75780	37.453	ng/ul	96
43) 1,1'-Biphenyl	13.598	154	227509	34.321	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	180402	33.987	ng/ul	99
45) 2-Nitroaniline	13.833	65	66178	42.532	ng/ul	94
47) Dimethylphthalate	14.209	163	244756	35.989	ng/ul	99
48) 2,6-Dinitrotoluene	14.326	165	51357	41.687	ng/ul#	92
50) Acenaphthylene	14.485	152	290224	34.701	ng/ul	99
51) 3-Nitroaniline	14.655	138	47238	37.987	ng/ul	96
52) Acenaphthene	14.826	153	195336	35.751	ng/ul	99
53) 2,4-Dinitrophenol	14.855	184	30644	40.039	ng/ul#	65
55) 4-Nitrophenol	14.949	109	52522	41.651	ng/ul	94
56) Dibenzofuran	15.161	168	292179	36.071	ng/ul	99
57) 2,4-Dinitrotoluene	15.108	165	74461	42.598	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.384	232	73524	40.314	ng/ul#	98
59) Diethylphthalate	15.572	149	262793	38.154	ng/ul	100
61) Fluorene	15.807	166	239245	35.633	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.795	204	129958	36.375	ng/ul	98
63) 4-Nitroaniline	15.813	138	51258	41.916	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.877	198	45484	40.350	ng/ul	99
67) N-Nitrosodiphenylamine	16.006	169	217302	35.501	ng/ul	97
68) 4-Bromophenyl-phenylether	16.688	248	95815	42.744	ng/ul	97
69) Hexachlorobenzene	16.817	284	106367	36.734	ng/ul	94
70) Atrazine	16.952	200	95813	38.194	ng/ul	98
71) Pentachlorophenol	17.152	266	66008	37.487	ng/ul#	89
72) Phenanthrene	17.551	178	429347	36.135	ng/ul	99
74) Anthracene	17.640	178	419369	35.304	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	111711	33.131	ng/uL	99
76) Pentachlorobenzene	15.084	250	116766	36.096	ng/uL	97
77) Carbazole	17.904	167	388322	36.989	ng/ul	98
78) Di-n-butylphthalate	18.462	149	466639	37.379	ng/ul	98
80) Fluoranthene	19.555	202	560424	36.044	ng/ul	99
82) Pyrene	19.919	202	537550	34.784	ng/ul	97
83) Butylbenzylphthalate	20.794	149	207870	38.687	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.681	252	181147	34.268	ng/ul	97
85) Benzo(a)anthracene	21.775	228	546111	35.876	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.675	149	288387	38.751	ng/ul	100
87) Chrysene	21.846	228	518375	35.703	ng/ul	97
89) Di-n-octyl phthalate	22.926	149	498083	38.224	ng/ul	100
90) Benzo(b)fluoranthene	24.054	252	581548	35.999	ng/ul	99
91) Benzo(k)fluoranthene	24.125	252	533088	35.756	ng/ul	97
93) Benzo(a)pyrene	24.959	252	545941	35.795	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.901	276	626253	36.307	ng/ul	100
95) Dibenzo(a,h)anthracene	28.971	278	531564	36.258	ng/ul	98
96) Benzo(g,h,i)perylene	30.087	276	532798	36.540	ng/ul	97

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

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