Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
Data File : BG052866.D
Acq On : 26 Mar 2022 16:03
Operator : CG/JU
Sample : PB143594BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS594

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 28 01:01:45 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	8.138	152	30582	20.000	ng/ul		0.00
20) Naphthalene-d8	10.957	136	143792	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.764	164	114791	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.507	188	277727	20.000	ng/ul		0.00
79) Chrysene-d12	21.796	240	277329	20.000	ng/ul	#	0.00
88) Perylene-d12	25.109	264	279782	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.550	96	4801	5.545	ng/uL		0.00
4) Pyridine-d5	3.967	84	69779	32.284	ng/ul		0.00
7) Phenol-d5	7.286	99	109076	39.822	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.456	67	64711	38.682	ng/ul		0.00
11) 2-Chlorophenol-d4	7.673	132	69933	37.601	ng/ul		0.00
15) 4-Methylphenol-d8	8.837	113	86541	43.616	ng/ul		0.00
21) Nitrobenzene-d5	9.301	128	40057	38.700	ng/ul		0.00
24) 2-Nitrophenol-d4	10.023	143	47534	43.540	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.564	165	92025	38.746	ng/ul		0.00
31) 4-Chloroaniline-d4	11.081	131	114914	36.608	ng/ul		0.00
46) Dimethylphthalate-d6	14.159	166	333248	37.789	ng/ul		0.00
49) Acenaphthylene-d8	14.458	160	377442	35.222	ng/ul		0.00
54) 4-Nitrophenol-d4	14.934	143	59825	40.348	ng/ul		0.00
60) Fluorene-d10	15.751	176	282157	36.439	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.862	200	59972	42.432	ng/ul		0.00
73) Anthracene-d10	17.607	188	453051	35.032	ng/ul		0.00
81) Pyrene-d10	19.886	212	565245	36.434	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.880	264	561059	38.810	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.585	88	10540m	9.936	ng/uL		
5) Pyridine	3.990	79	79678	34.116	ng/ul		97
6) Benzaldehyde	7.274	77	74761m	41.056	ng/ul		
8) Phenol	7.315	94	111828	42.361	ng/ul		99
10) Bis(2-Chloroethyl)ether	7.550	93	75993	38.158	ng/ul		95
12) 2-Chlorophenol	7.703	128	73736	38.803	ng/ul		94
13) 2-Methylphenol	8.572	108	85160	41.507	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.666	45	127245	39.308	ng/ul		97
16) Acetophenone	8.960	105	133467	43.118	ng/ul		95
17) N-Nitroso-di-n-propyla...	8.948	70	80191	44.439	ng/ul		98
18) 4-Methylphenol	8.901	108	94052	43.999	ng/ul		95
19) Hexachloroethane	9.230	117	31386	37.226	ng/ul		95
22) Nitrobenzene	9.342	77	117504	38.852	ng/ul		91
23) Isophorone	9.870	82	232738	40.259	ng/ul		97
25) 2-Nitrophenol	10.058	139	47375	41.846	ng/ul#		82
26) 2,4-Dimethylphenol	10.105	107	101798	36.288	ng/ul		96
27) Bis(2-Chloroethoxy)met...	10.346	93	121107	37.672	ng/ul		97
29) 2,4-Dichlorophenol	10.593	162	91753	39.733	ng/ul		99
30) Naphthalene	11.004	128	263383	35.395	ng/ul		97
32) 4-Chloroaniline	11.104	127	109525	35.508	ng/ul		98
33) Hexachlorobutadiene	11.292	225	66241	35.124	ng/ul		98
34) Caprolactam	11.856	113	35284m	50.733	ng/ul		
35) 4-Chloro-3-methylphenol	12.214	107	112003	44.713	ng/ul		91
36) 2-Methylnaphthalene	12.602	142	198380	37.776	ng/ul		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.819	142	205306	38.617	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.966	216	133083	35.075	ng/ul	98
40) Hexachlorocyclopentadiene	12.949	237	77497	29.503	ng/ul	98
41) 2,4,6-Trichlorophenol	13.195	196	91513	39.471	ng/ul	97
42) 2,4,5-Trichlorophenol	13.266	196	98464	39.326	ng/ul	97
43) 1,1'-Biphenyl	13.595	154	284927	34.735	ng/ul	99
44) 2-Chloronaphthalene	13.642	162	227542	34.642	ng/ul	96
45) 2-Nitroaniline	13.836	65	88380	45.902	ng/ul	90
47) Dimethylphthalate	14.206	163	319584	37.975	ng/ul	98
48) 2,6-Dinitrotoluene	14.323	165	68051	44.638	ng/ul	96
50) Acenaphthylene	14.488	152	375769	36.308	ng/ul	99
51) 3-Nitroaniline	14.652	138	69277	45.020	ng/ul	90
52) Acenaphthene	14.828	153	251152	37.146	ng/ul	98
53) 2,4-Dinitrophenol	14.858	184	42336	44.701	ng/ul#	58
55) 4-Nitrophenol	14.952	109	66530	42.635	ng/ul	94
56) Dibenzofuran	15.157	168	371395	37.052	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	97698	45.167	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.381	232	94881	42.041	ng/ul#	97
59) Diethylphthalate	15.569	149	335326	39.342	ng/ul	99
61) Fluorene	15.809	166	307361	36.994	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	169619	38.366	ng/ul	99
63) 4-Nitroaniline	15.815	138	69599m	45.993	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.874	198	60324	43.623	ng/ul	92
67) N-Nitrosodiphenylamine	16.003	169	274629	36.573	ng/ul	96
68) 4-Bromophenyl-phenylether	16.691	248	122756	44.640	ng/ul	94
69) Hexachlorobenzene	16.814	284	136607	38.457	ng/ul	95
70) Atrazine	16.949	200	106938	34.749	ng/ul	97
71) Pentachlorophenol	17.155	266	84875	39.292	ng/ul	94
72) Phenanthrene	17.548	178	546451	37.490	ng/ul	99
74) Anthracene	17.642	178	523548	35.927	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.565	216	145206	35.105	ng/uL	97
76) Pentachlorobenzene	15.081	250	156206	39.362	ng/uL	98
77) Carbazole	17.901	167	495214	38.452	ng/ul	99
78) Di-n-butylphthalate	18.459	149	570338	37.241	ng/ul	99
80) Fluoranthene	19.551	202	703055	38.455	ng/ul	99
82) Pyrene	19.916	202	679867	37.413	ng/ul	97
83) Butylbenzylphthalate	20.797	149	254008	40.203	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.684	252	240433	38.681	ng/ul	95
85) Benzo(a)anthracene	21.772	228	670987	37.487	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.672	149	348705	39.848	ng/ul	99
87) Chrysene	21.843	228	636437	37.278	ng/ul	98
89) Di-n-octyl phthalate	22.923	149	593883	40.753	ng/ul	100
90) Benzo(b)fluoranthene	24.057	252	717902	39.738	ng/ul	99
91) Benzo(k)fluoranthene	24.128	252	645489	38.714	ng/ul#	98
93) Benzo(a)pyrene	24.962	252	657770	38.564	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.898	276	781476m	40.512	ng/ul	
95) Dibenzo(a,h)anthracene	28.974	278	656919	40.067	ng/ul	99
96) Benzo(g,h,i)perylene	30.090	276	654151	40.116	ng/ul	99

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

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