Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
Data File : BF130060.D
Acq On : 31 Aug 2022 20:02
Operator : CG\JU
Sample : PB147234BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 01 03:29:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147234BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	258162	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	1055474	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	549010	20.000	ng		0.00
64) Phenanthrene-d10	11.221	188	901850	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	500941	20.000	ng	#	0.00
86) Perylene-d12	15.251	264	467599	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	1832610	120.511	ng		0.01
7) Phenol-d6	6.345	99	2305941	121.629	ng		0.00
23) Nitrobenzene-d5	7.275	82	1402899	85.420	ng		0.00
42) 2,4,6-Tribromophenol	10.533	330	632275	126.518	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	2484266	75.022	ng		0.00
79) Terphenyl-d14	12.810	244	2487010	86.094	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	254412	35.798	ng		95
3) Pyridine	3.175	79	683094	35.845	ng		92
4) n-Nitrosodimethylamine	3.128	42	330472	44.095	ng		82
6) Aniline	6.369	93	927630	39.027	ng	#	50
8) 2-Chlorophenol	6.492	128	798447	47.837	ng		97
9) Benzaldehyde	6.257	77	267206	23.027	ng		92
10) Phenol	6.357	94	922482	43.047	ng	#	67
11) bis(2-Chloroethyl)ether	6.451	93	750049	46.066	ng		97
12) 1,3-Dichlorobenzene	6.645	146	801320	43.308	ng		98
13) 1,4-Dichlorobenzene	6.722	146	802611	43.063	ng		98
14) 1,2-Dichlorobenzene	6.875	146	769407	45.414	ng		98
15) Benzyl Alcohol	6.857	79	635870m	49.760	ng		
16) 2,2'-oxybis(1-Chloropr...	6.986	45	1003577	45.352	ng	#	51
17) 2-Methylphenol	6.963	107	642126	45.727	ng	#	86
18) Hexachloroethane	7.216	117	300844	44.700	ng		97
19) n-Nitroso-di-n-propyla...	7.134	70	502328	43.981	ng		92
20) 3+4-Methylphenols	7.122	107	701842	42.619	ng	#	74
22) Acetophenone	7.122	105	999219	42.374	ng	#	93
24) Nitrobenzene	7.292	77	766218	43.868	ng		100
25) Isophorone	7.533	82	1495646	44.994	ng		99
26) 2-Nitrophenol	7.604	139	386185	47.134	ng		97
27) 2,4-Dimethylphenol	7.645	122	706264	50.635	ng		98
28) bis(2-Chloroethoxy)met...	7.745	93	940747	47.113	ng		99
29) 2,4-Dichlorophenol	7.845	162	649777	43.552	ng		98
30) 1,2,4-Trichlorobenzene	7.928	180	640693	40.727	ng		97
31) Naphthalene	8.010	128	2173494	40.830	ng		99
32) Benzoic acid	7.786	122	523375	46.236	ng		100
33) 4-Chloroaniline	8.063	127	657903	30.590	ng		97
34) Hexachlorobutadiene	8.128	225	365992	40.623	ng		100
35) Caprolactam	8.451	113	191729m	41.470	ng		
36) 4-Chloro-3-methylphenol	8.545	107	669297	44.333	ng		95
37) 2-Methylnaphthalene	8.704	142	1415499	41.279	ng		99
38) 1-Methylnaphthalene	8.798	142	1353231	40.600	ng		98
40) 1,2,4,5-Tetrachloroben...	8.869	216	577469	40.337	ng	#	98
41) Hexachlorocyclopentadiene	8.857	237	750278	100.281	ng		98
43) 2,4,6-Trichlorophenol	8.980	196	441880	43.242	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	469525	42.391	ng		96
46) 1,1'-Biphenyl	9.169	154	1654711	41.486	ng		100
47) 2-Chloronaphthalene	9.192	162	1297987	40.615	ng		99
48) 2-Nitroaniline	9.286	65	392435	49.831	ng		93
49) Acenaphthylene	9.604	152	2014846	41.518	ng		99
50) Dimethylphthalate	9.480	163	1561146	41.748	ng		99
51) 2,6-Dinitrotoluene	9.533	165	357028	48.970	ng		94
52) Acenaphthene	9.775	154	1378040m	45.057	ng		
53) 3-Nitroaniline	9.698	138	290447	34.708	ng		98
54) 2,4-Dinitrophenol	9.810	184	312025	92.825	ng	#	79
55) Dibenzofuran	9.951	168	1769150	40.396	ng		100
56) 4-Nitrophenol	9.869	139	625864	97.009	ng	#	84
57) 2,4-Dinitrotoluene	9.933	165	432595	51.536	ng		93
58) Fluorene	10.292	166	1300933	39.040	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.063	232	357944	41.609	ng	#	78
60) Diethylphthalate	10.174	149	1514831	41.874	ng		100
61) 4-Chlorophenyl-phenyle...	10.286	204	596121	40.468	ng		95
62) 4-Nitroaniline	10.322	138	376478	46.259	ng		95
63) Azobenzene	10.445	77	1453926	40.819	ng		95
65) 4,6-Dinitro-2-methylph...	10.339	198	185133	44.161	ng		97
66) n-Nitrosodiphenylamine	10.404	169	1260066	41.796	ng		99
67) 4-Bromophenyl-phenylether	10.774	248	424849	42.352	ng		93
68) Hexachlorobenzene	10.833	284	464056	42.456	ng	#	90
69) Atrazine	10.939	200	399647	46.857	ng		99
70) Pentachlorophenol	11.027	266	534425	87.436	ng		96
71) Phenanthrene	11.251	178	1958376	40.042	ng		99
72) Anthracene	11.298	178	1971186	40.999	ng		99
73) Carbazole	11.457	167	1871516	42.212	ng		100
74) Di-n-butylphthalate	11.792	149	2234728	41.800	ng		99
75) Fluoranthene	12.427	202	1980293	40.831	ng		95
77) Benzidine	12.557	184	769152	56.869	ng		99
78) Pyrene	12.657	202	1990486	44.300	ng		99
80) Butylbenzylphthalate	13.286	149	879117	49.191	ng		100
81) Benzo(a)anthracene	13.839	228	1438526	41.903	ng		99
82) 3,3'-Dichlorobenzidine	13.810	252	412509	38.532	ng		98
83) Chrysene	13.880	228	1417587	41.883	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1034750	46.580	ng		99
85) Di-n-octyl phthalate	14.457	149	1709086	48.705	ng		98
87) Indeno(1,2,3-cd)pyrene	16.603	276	1388096	45.002	ng	#	94
88) Benzo(b)fluoranthene	14.857	252	1363784	43.735	ng		98
89) Benzo(k)fluoranthene	14.886	252	1287220m	42.682	ng		
90) Benzo(a)pyrene	15.198	252	1149746	46.402	ng		98
91) Dibenzo(a,h)anthracene	16.627	278	1191765	47.219	ng	#	96
92) Benzo(g,h,i)perylene	17.015	276	1204218	47.688	ng	#	92

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

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