Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131859.D
Acq On : 28 Dec 2022 14:13
Operator : CG\JU
Sample : PB149939BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 29 00:53:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 05:13:34 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149939BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	94019	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	365992	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	220471	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	434354	20.000	ng	0.00
76) Chrysene-d12	14.039	240	339788	20.000	ng	0.00
86) Perylene-d12	15.521	264	222929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	709366	125.036	ng	0.01
7) Phenol-d6	6.469	99	928260	124.537	ng	0.00
23) Nitrobenzene-d5	7.404	82	636763	69.464	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	287872	120.176	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1119187	69.532	ng	0.00
79) Terphenyl-d14	12.980	244	1535411	76.435	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	85035	32.322	ng	98
3) Pyridine	3.351	79	232005	31.369	ng	99
4) n-Nitrosodimethylamine	3.322	42	141615	40.722	ng	94
6) Aniline	6.492	93	297560	32.918	ng	99
8) 2-Chlorophenol	6.616	128	256303	42.881	ng	98
9) Benzaldehyde	6.375	77	91984	19.233	ng	95
10) Phenol	6.481	94	359549	40.507	ng	89
11) bis(2-Chloroethyl)ether	6.569	93	269830	42.510	ng	98
12) 1,3-Dichlorobenzene	6.769	146	271651	39.770	ng	99
13) 1,4-Dichlorobenzene	6.845	146	275300	39.993	ng	98
14) 1,2-Dichlorobenzene	6.998	146	264018	40.817	ng	99
15) Benzyl Alcohol	6.981	79	274900	42.057	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	332557	41.055	ng	95
17) 2-Methylphenol	7.092	107	226226	41.401	ng	98
18) Hexachloroethane	7.339	117	112624	40.517	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	216816	41.187	ng	99
20) 3+4-Methylphenols	7.245	107	290006	40.676	ng	95
22) Acetophenone	7.245	105	408839	38.103	ng	99
24) Nitrobenzene	7.422	77	338284	36.823	ng	99
25) Isophorone	7.663	82	599628	40.055	ng	100
26) 2-Nitrophenol	7.734	139	135378	37.901	ng	93
27) 2,4-Dimethylphenol	7.775	122	225021	44.165	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	328854	40.947	ng	99
29) 2,4-Dichlorophenol	7.981	162	233512	38.041	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	265372	36.463	ng	99
31) Naphthalene	8.139	128	714899	35.667	ng	99
32) Benzoic acid	7.922	122	163246	43.836	ng	92
33) 4-Chloroaniline	8.192	127	208783	27.147	ng	99
34) Hexachlorobutadiene	8.251	225	175538	35.254	ng	99
35) Caprolactam	8.586	113	68003m	37.417	ng	
36) 4-Chloro-3-methylphenol	8.686	107	273988	39.493	ng	100
37) 2-Methylnaphthalene	8.839	142	498939	37.090	ng	98
38) 1-Methylnaphthalene	8.933	142	468327	35.841	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	286952	37.068	ng	99
41) Hexachlorocyclopentadiene	8.986	237	283321	81.647	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	184289	37.170	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	190210	35.490	ng		97
46) 1,1'-Biphenyl	9.304	154	635942	37.676	ng		100
47) 2-Chloronaphthalene	9.333	162	506960	36.304	ng		99
48) 2-Nitroaniline	9.433	65	187685	36.668	ng		96
49) Acenaphthylene	9.751	152	756195	36.367	ng		100
50) Dimethylphthalate	9.616	163	619217	37.125	ng		100
51) 2,6-Dinitrotoluene	9.680	165	134293	37.193	ng		93
52) Acenaphthene	9.922	154	455530	36.299	ng		97
53) 3-Nitroaniline	9.851	138	102243	27.791	ng		98
54) 2,4-Dinitrophenol	9.963	184	174317	83.893	ng		91
55) Dibenzofuran	10.098	168	706696	36.550	ng		97
56) 4-Nitrophenol	10.028	139	200436	77.772	ng		94
57) 2,4-Dinitrotoluene	10.086	165	189219	38.320	ng	#	89
58) Fluorene	10.439	166	579825	36.734	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	162196m	36.878	ng		
60) Diethylphthalate	10.316	149	602181	37.511	ng		98
61) 4-Chlorophenyl-phenyle...	10.427	204	309192	37.681	ng		99
62) 4-Nitroaniline	10.475	138	139323m	36.337	ng		
63) Azobenzene	10.592	77	633861	35.578	ng		98
65) 4,6-Dinitro-2-methylph...	10.498	198	113702	38.447	ng		92
66) n-Nitrosodiphenylamine	10.557	169	493085	37.215	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	189730	37.688	ng		93
68) Hexachlorobenzene	10.986	284	209634	37.908	ng		96
69) Atrazine	11.086	200	211431	48.471	ng		99
70) Pentachlorophenol	11.186	266	230979	84.408	ng		97
71) Phenanthrene	11.410	178	870083	36.427	ng		100
72) Anthracene	11.463	178	878161	37.583	ng		99
73) Carbazole	11.622	167	793547	38.470	ng		98
74) Di-n-butylphthalate	11.945	149	950945	38.140	ng		100
75) Fluoranthene	12.604	202	1031606	37.079	ng		98
77) Benzidine	12.727	184	281325	50.381	ng		99
78) Pyrene	12.833	202	1040893	36.548	ng		99
80) Butylbenzylphthalate	13.457	149	411238	38.930	ng		98
81) Benzo(a)anthracene	14.027	228	903986	36.745	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	262476	36.913	ng		97
83) Chrysene	14.068	228	844066	36.511	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	535815	41.659	ng	#	99
85) Di-n-octyl phthalate	14.633	149	804333	46.455	ng		100
87) Indeno(1,2,3-cd)pyrene	17.027	276	536975	37.914	ng		100
88) Benzo(b)fluoranthene	15.092	252	711820	43.547	ng		100
89) Benzo(k)fluoranthene	15.121	252	692461	43.844	ng		99
90) Benzo(a)pyrene	15.462	252	563971	44.564	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	463714	39.972	ng		99
92) Benzo(g,h,i)perylene	17.480	276	459427	35.069	ng		96

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

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