Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131837.D
Acq On : 27 Dec 2022 15:16
Operator : CG\JU
Sample : PB149909BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 28 00:33:58 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 :
PB149909BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	84293	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	325343	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	196596	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	387668	20.000	ng	0.00
76) Chrysene-d12	14.039	240	302173	20.000	ng	0.00
86) Perylene-d12	15.521	264	185087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	662171	130.184	ng	0.02
7) Phenol-d6	6.475	99	847510	126.823	ng	0.00
23) Nitrobenzene-d5	7.410	82	583144	71.563	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	254517	119.155	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1002593	69.853	ng	0.00
79) Terphenyl-d14	12.980	244	1367153	76.531	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	85754	36.356	ng	99
3) Pyridine	3.357	79	214765	32.388	ng	98
4) n-Nitrosodimethylamine	3.328	42	129646	41.582	ng	98
6) Aniline	6.498	93	263032	32.455	ng	98
8) 2-Chlorophenol	6.622	128	234911	43.836	ng	98
9) Benzaldehyde	6.381	77	64740	15.098	ng	93
10) Phenol	6.486	94	327065	41.099	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	247532m	43.497	ng	
12) 1,3-Dichlorobenzene	6.775	146	253363	41.373	ng	99
13) 1,4-Dichlorobenzene	6.851	146	256206	41.513	ng	98
14) 1,2-Dichlorobenzene	7.004	146	244648	42.187	ng	98
15) Benzyl Alcohol	6.986	79	247157	42.176	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	315285	43.414	ng	96
17) 2-Methylphenol	7.098	107	206108	42.071	ng	99
18) Hexachloroethane	7.345	117	104869	42.080	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	199949	42.366	ng	99
20) 3+4-Methylphenols	7.251	107	264801	41.426	ng	97
22) Acetophenone	7.251	105	375375	39.355	ng	99
24) Nitrobenzene	7.428	77	307641	37.671	ng	99
25) Isophorone	7.669	82	540816	40.640	ng	99
26) 2-Nitrophenol	7.745	139	125405	39.496	ng	98
27) 2,4-Dimethylphenol	7.780	122	203454	44.921	ng	95
28) bis(2-Chloroethoxy)met...	7.880	93	306025	42.865	ng	100
29) 2,4-Dichlorophenol	7.986	162	206694	37.879	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	245021	37.873	ng	99
31) Naphthalene	8.151	128	661839	37.145	ng	99
32) Benzoic acid	7.922	122	138790	41.926	ng	95
33) 4-Chloroaniline	8.204	127	169410	24.780	ng	97
34) Hexachlorobutadiene	8.263	225	163768	36.999	ng	98
35) Caprolactam	8.586	113	63527m	39.321	ng	
36) 4-Chloro-3-methylphenol	8.692	107	242523	39.326	ng	99
37) 2-Methylnaphthalene	8.845	142	458531	38.345	ng	99
38) 1-Methylnaphthalene	8.945	142	427040	36.765	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	261081	37.822	ng	99
41) Hexachlorocyclopentadiene	8.992	237	266930	85.931	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	158442	35.837	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	176759	36.985	ng		96
46) 1,1'-Biphenyl	9.310	154	572221	38.018	ng		100
47) 2-Chloronaphthalene	9.339	162	456425	36.654	ng		98
48) 2-Nitroaniline	9.439	65	166464	36.471	ng		98
49) Acenaphthylene	9.751	152	679999	36.674	ng		100
50) Dimethylphthalate	9.616	163	552031	37.116	ng		100
51) 2,6-Dinitrotoluene	9.680	165	122940	38.184	ng		97
52) Acenaphthene	9.927	154	412763	36.885	ng		100
53) 3-Nitroaniline	9.851	138	84467	25.747	ng		98
54) 2,4-Dinitrophenol	9.963	184	148171	79.970	ng		99
55) Dibenzofuran	10.098	168	630931	36.595	ng		99
56) 4-Nitrophenol	10.027	139	182097	79.237	ng		98
57) 2,4-Dinitrotoluene	10.086	165	170266	38.669	ng		93
58) Fluorene	10.445	166	510231	36.251	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	142014m	36.211	ng		
60) Diethylphthalate	10.322	149	542940	37.928	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	276763	37.825	ng		98
62) 4-Nitroaniline	10.474	138	122571	35.850	ng		96
63) Azobenzene	10.598	77	587812	37.000	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	100112	37.929	ng		87
66) n-Nitrosodiphenylamine	10.557	169	444943	37.626	ng		98
67) 4-Bromophenyl-phenylether	10.927	248	168601	37.524	ng		98
68) Hexachlorobenzene	10.986	284	187482	37.985	ng		97
69) Atrazine	11.086	200	175008	44.953	ng		98
70) Pentachlorophenol	11.192	266	200403	82.054	ng		97
71) Phenanthrene	11.410	178	776476	36.423	ng		100
72) Anthracene	11.463	178	780031	37.403	ng		99
73) Carbazole	11.621	167	704695	38.276	ng		99
74) Di-n-butylphthalate	11.945	149	847248	38.073	ng		100
75) Fluoranthene	12.604	202	917431	36.946	ng		99
77) Benzidine	12.727	184	225203	45.351	ng		100
78) Pyrene	12.833	202	936558	36.979	ng		99
80) Butylbenzylphthalate	13.451	149	360600	38.386	ng		95
81) Benzo(a)anthracene	14.027	228	808078	36.936	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	226355	35.796	ng		97
83) Chrysene	14.068	228	753311	36.642	ng		99
84) Bis(2-ethylhexyl)phtha...	14.009	149	463050	40.483	ng	#	99
85) Di-n-octyl phthalate	14.627	149	646440	41.983	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	472265	40.163	ng		99
88) Benzo(b)fluoranthene	15.086	252	592046	43.625	ng		100
89) Benzo(k)fluoranthene	15.115	252	597636	45.577	ng		99
90) Benzo(a)pyrene	15.456	252	467828	44.525	ng	#	96
91) Dibenzo(a,h)anthracene	17.033	278	409718	42.538	ng		100
92) Benzo(g,h,i)perylene	17.474	276	410173	37.316	ng		98

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

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