Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
Data File : BF131527.D
Acq On : 06 Dec 2022 14:48
Operator : CG\JU
Sample : PB149432BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 07 03:21:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 01:30:30 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149432BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	107396	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	412779	20.000	ng	#	0.00
39) Acenaphthene-d10	9.980	164	244933	20.000	ng		0.00
64) Phenanthrene-d10	11.474	188	475500	20.000	ng		0.00
76) Chrysene-d12	14.133	240	308890	20.000	ng	#	0.00
86) Perylene-d12	15.651	264	240784	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	765973	121.796	ng		0.02
7) Phenol-d6	6.551	99	922354	117.447	ng		0.00
23) Nitrobenzene-d5	7.492	82	574278	63.853	ng		0.00
42) 2,4,6-Tribromophenol	10.774	330	386831	138.704	ng		0.00
45) 2-Fluorobiphenyl	9.298	172	1315006	70.431	ng		0.00
79) Terphenyl-d14	13.068	244	1714990	83.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	78654	29.216	ng		95
3) Pyridine	3.551	79	206185	27.436	ng		95
4) n-Nitrosodimethylamine	3.528	42	122137	31.714	ng		90
6) Aniline	6.586	93	308036	31.773	ng		96
8) 2-Chlorophenol	6.704	128	282890	42.122	ng		91
9) Benzaldehyde	6.475	77	113229	22.589	ng		85
10) Phenol	6.563	94	339821m	38.251	ng		
11) bis(2-Chloroethyl)ether	6.657	93	246316	37.539	ng		95
12) 1,3-Dichlorobenzene	6.863	146	314622	40.136	ng		95
13) 1,4-Dichlorobenzene	6.939	146	324445	40.498	ng		96
14) 1,2-Dichlorobenzene	7.092	146	308598	41.342	ng		100
15) Benzyl Alcohol	7.069	79	212095m	32.289	ng		
16) 2,2'-oxybis(1-Chloropr...	7.198	45	225025	34.986	ng		99
17) 2-Methylphenol	7.175	107	225537	40.205	ng		95
18) Hexachloroethane	7.439	117	117352	39.427	ng		92
19) n-Nitroso-di-n-propyla...	7.339	70	187341	35.247	ng		98
20) 3+4-Methylphenols	7.328	107	299363	39.462	ng		95
22) Acetophenone	7.339	105	414207	36.980	ng		98
24) Nitrobenzene	7.510	77	295110	32.521	ng		91
25) Isophorone	7.751	82	516150	36.894	ng	#	95
26) 2-Nitrophenol	7.828	139	150014	45.151	ng		90
27) 2,4-Dimethylphenol	7.863	122	265322	48.637	ng		95
28) bis(2-Chloroethoxy)met...	7.963	93	309216	39.869	ng		99
29) 2,4-Dichlorophenol	8.069	162	262332	41.518	ng		96
30) 1,2,4-Trichlorobenzene	8.151	180	300560	38.069	ng		100
31) Naphthalene	8.239	128	823642	36.093	ng		99
32) Benzoic acid	7.998	122	145556	44.246	ng		90
33) 4-Chloroaniline	8.286	127	208371	24.379	ng		94
34) Hexachlorobutadiene	8.345	225	211877	37.573	ng		98
35) Caprolactam	8.663	113	72046m	40.619	ng		
36) 4-Chloro-3-methylphenol	8.769	107	259335	38.395	ng		98
37) 2-Methylnaphthalene	8.933	142	571422	37.419	ng		99
38) 1-Methylnaphthalene	9.033	142	534047	36.395	ng		100
40) 1,2,4,5-Tetrachloroben...	9.098	216	346555	38.302	ng		99
41) Hexachlorocyclopentadiene	9.080	237	413375	101.422	ng		98
43) 2,4,6-Trichlorophenol	9.210	196	195731	35.779	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	234854	40.255	ng		99
46) 1,1'-Biphenyl	9.398	154	732365	37.920	ng		99
47) 2-Chloronaphthalene	9.427	162	574445	36.411	ng		96
48) 2-Nitroaniline	9.522	65	151395	33.212	ng		97
49) Acenaphthylene	9.845	152	860267	36.504	ng		99
50) Dimethylphthalate	9.704	163	666280	37.636	ng		100
51) 2,6-Dinitrotoluene	9.763	165	148243	39.190	ng		97
52) Acenaphthene	10.016	154	646258m	42.268	ng		
53) 3-Nitroaniline	9.939	138	110044	27.793	ng		81
54) 2,4-Dinitrophenol	10.045	184	186024	98.012	ng	#	87
55) Dibenzofuran	10.186	168	835841	37.447	ng		99
56) 4-Nitrophenol	10.098	139	220151	79.679	ng		93
57) 2,4-Dinitrotoluene	10.174	165	204293	41.161	ng	#	74
58) Fluorene	10.533	166	672792	36.527	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	205445	41.514	ng		93
60) Diethylphthalate	10.404	149	653954	37.466	ng		99
61) 4-Chlorophenyl-phenyle...	10.521	204	367062	38.525	ng		98
62) 4-Nitroaniline	10.563	138	141236	35.777	ng		88
63) Azobenzene	10.686	77	543475	31.576	ng		89
65) 4,6-Dinitro-2-methylph...	10.580	198	115735	44.358	ng		92
66) n-Nitrosodiphenylamine	10.645	169	579058	38.802	ng		99
67) 4-Bromophenyl-phenylether	11.016	248	232723	39.118	ng		96
68) Hexachlorobenzene	11.080	284	270354	41.005	ng	#	87
69) Atrazine	11.174	200	198848	45.062	ng		99
70) Pentachlorophenol	11.274	266	302081	85.569	ng		98
71) Phenanthrene	11.504	178	978284	37.025	ng		99
72) Anthracene	11.551	178	996305	38.354	ng		99
73) Carbazole	11.710	167	858087	39.239	ng		98
74) Di-n-butylphthalate	12.033	149	972836	39.845	ng		99
75) Fluoranthene	12.692	202	1079866	37.135	ng		100
77) Benzidine	12.815	184	273060	68.600	ng		99
78) Pyrene	12.927	202	1071218	38.719	ng		100
80) Butylbenzylphthalate	13.545	149	347686	46.590	ng	#	83
81) Benzo(a)anthracene	14.121	228	804939	38.159	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	242502	42.451	ng		96
83) Chrysene	14.157	228	749172	36.943	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	395543	47.428	ng		99
85) Di-n-octyl phthalate	14.721	149	483458	44.667	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.203	276	717692	38.889	ng		98
88) Benzo(b)fluoranthene	15.198	252	692772	44.292	ng		100
89) Benzo(k)fluoranthene	15.233	252	655868	38.629	ng		99
90) Benzo(a)pyrene	15.586	252	590907	45.525	ng		99
91) Dibenzo(a,h)anthracene	17.227	278	615923	40.882	ng		97
92) Benzo(g,h,i)perylene	17.680	276	594033	42.247	ng		98

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

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