Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
Data File : BF130064.D
Acq On : 31 Aug 2022 22:14
Operator : CG\JU
Sample : PB147308BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 01 03:33:07 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 :
PB147308BSD

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	270365	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	1107020	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	568581	20.000	ng		0.00
64) Phenanthrene-d10	11.222	188	928041	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	534528	20.000	ng	#	0.00
86) Perylene-d12	15.251	264	481715	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	2064702	129.645	ng		0.01
7) Phenol-d6	6.345	99	2520960	126.969	ng		0.00
23) Nitrobenzene-d5	7.281	82	1577961	91.606	ng		0.00
42) 2,4,6-Tribromophenol	10.533	330	690757	133.462	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	2678668	78.109	ng		0.00
79) Terphenyl-d14	12.810	244	2748242	89.159	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	267123	35.890	ng		95
3) Pyridine	3.151	79	730554	36.605	ng		95
4) n-Nitrosodimethylamine	3.110	42	369039	47.019	ng		82
6) Aniline	6.375	93	1067860	42.899	ng	#	49
8) 2-Chlorophenol	6.492	128	875956	50.112	ng		98
9) Benzaldehyde	6.257	77	376922	31.016	ng		93
10) Phenol	6.357	94	973747	43.388	ng	#	71
11) bis(2-Chloroethyl)ether	6.451	93	810214	47.515	ng		99
12) 1,3-Dichlorobenzene	6.645	146	882064	45.520	ng		98
13) 1,4-Dichlorobenzene	6.722	146	888434	45.517	ng		98
14) 1,2-Dichlorobenzene	6.875	146	836405	47.140	ng		99
15) Benzyl Alcohol	6.857	79	569207	42.533	ng		92
16) 2,2'-oxybis(1-Chloropr...	6.987	45	1082152	46.696	ng	#	52
17) 2-Methylphenol	6.963	107	671220	45.641	ng	#	87
18) Hexachloroethane	7.216	117	338296	47.996	ng		97
19) n-Nitroso-di-n-propyla...	7.134	70	542635	45.365	ng		93
20) 3+4-Methylphenols	7.122	107	728957	42.268	ng	#	76
22) Acetophenone	7.128	105	1065884	43.097	ng	#	97
24) Nitrobenzene	7.298	77	837830	45.734	ng		95
25) Isophorone	7.539	82	1582114	45.379	ng		98
26) 2-Nitrophenol	7.610	139	427883	49.595	ng		92
27) 2,4-Dimethylphenol	7.651	122	737072	50.384	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	996369	47.575	ng		97
29) 2,4-Dichlorophenol	7.845	162	674046	43.075	ng		99
30) 1,2,4-Trichlorobenzene	7.928	180	695205	42.135	ng		97
31) Naphthalene	8.010	128	2307622	41.331	ng		99
32) Benzoic acid	7.792	122	607439m	50.464	ng		
33) 4-Chloroaniline	8.063	127	847877	37.588	ng		98
34) Hexachlorobutadiene	8.128	225	402470	42.592	ng		100
35) Caprolactam	8.451	113	206123m	42.507	ng		
36) 4-Chloro-3-methylphenol	8.551	107	689998	43.576	ng		93
37) 2-Methylnaphthalene	8.704	142	1486324	41.326	ng		99
38) 1-Methylnaphthalene	8.798	142	1434392	41.031	ng		98
40) 1,2,4,5-Tetrachloroben...	8.869	216	619905	41.811	ng		99
41) Hexachlorocyclopentadiene	8.857	237	811593	104.743	ng		98
43) 2,4,6-Trichlorophenol	8.980	196	444661	42.016	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	523243	45.615	ng		98
46) 1,1'-Biphenyl	9.169	154	1729934	41.879	ng		99
47) 2-Chloronaphthalene	9.192	162	1365434	41.255	ng		99
48) 2-Nitroaniline	9.286	65	416396	51.054	ng		92
49) Acenaphthylene	9.604	152	2086569	41.516	ng		99
50) Dimethylphthalate	9.480	163	1640362	42.357	ng		100
51) 2,6-Dinitrotoluene	9.533	165	373672	49.489	ng		95
52) Acenaphthene	9.775	154	1450258m	45.786	ng		
53) 3-Nitroaniline	9.704	138	352062	40.623	ng		96
54) 2,4-Dinitrophenol	9.810	184	337542	96.599	ng	#	83
55) Dibenzofuran	9.951	168	1870147	41.233	ng		99
56) 4-Nitrophenol	9.869	139	592436	88.667	ng		88
57) 2,4-Dinitrotoluene	9.939	165	456131	52.470	ng	#	85
58) Fluorene	10.292	166	1362385	39.477	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.063	232	379335	42.578	ng	#	79
60) Diethylphthalate	10.175	149	1597949	42.651	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	623197	40.850	ng		97
62) 4-Nitroaniline	10.322	138	398372	47.264	ng		96
63) Azobenzene	10.445	77	1535906	41.637	ng		95
65) 4,6-Dinitro-2-methylph...	10.339	198	200612	46.180	ng		99
66) n-Nitrosodiphenylamine	10.410	169	1319621	42.536	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	450258	43.618	ng		93
68) Hexachlorobenzene	10.833	284	485832	43.193	ng	#	90
69) Atrazine	10.939	200	402034	45.807	ng		97
70) Pentachlorophenol	11.027	266	569287	90.512	ng		96
71) Phenanthrene	11.251	178	2035847	40.451	ng		98
72) Anthracene	11.298	178	2068234	41.803	ng		99
73) Carbazole	11.457	167	1942016	42.566	ng		99
74) Di-n-butylphthalate	11.792	149	2377730	43.219	ng		100
75) Fluoranthene	12.433	202	2062757	41.331	ng		98
77) Benzidine	12.557	184	1150642	79.730	ng		99
78) Pyrene	12.657	202	2094123	43.678	ng		99
80) Butylbenzylphthalate	13.286	149	943979	49.501	ng		98
81) Benzo(a)anthracene	13.839	228	1535695	41.923	ng		99
82) 3,3'-Dichlorobenzidine	13.810	252	500407	43.805	ng		99
83) Chrysene	13.880	228	1526442	42.266	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1125168	47.467	ng		99
85) Di-n-octyl phthalate	14.457	149	1896578	50.652	ng		98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1449373	45.612	ng	#	94
88) Benzo(b)fluoranthene	14.857	252	1446335	45.024	ng		97
89) Benzo(k)fluoranthene	14.886	252	1364438	43.917	ng		98
90) Benzo(a)pyrene	15.198	252	1230479	48.205	ng		99
91) Dibenzo(a,h)anthracene	16.627	278	1257206	48.352	ng	#	95
92) Benzo(g,h,i)perylene	17.015	276	1244427	47.836	ng	#	91

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

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