Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132799.D
Acq On : 15 Mar 2023 12:57
Operator : CG\JU
Sample : PB151405BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 15 13:26:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 15:35:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151405BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	215957	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	861657	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	469173	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	877341	20.000	ng		0.00
76) Chrysene-d12	14.163	240	499380	20.000	ng		0.00
86) Perylene-d12	15.692	264	449232	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	1239779	93.172	ng		0.02
7) Phenol-d6	6.604	99	1647621	94.877	ng		0.00
23) Nitrobenzene-d5	7.534	82	1072910	59.076	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	470590	92.876	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1844107	59.849	ng		0.00
79) Terphenyl-d14	13.092	244	2093327	70.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	298408	40.542	ng		94
3) Pyridine	3.669	79	696861	35.668	ng		93
4) n-Nitrosodimethylamine	3.640	42	291763	39.535	ng		84
6) Aniline	6.634	93	820863	35.124	ng		97
8) 2-Chlorophenol	6.757	128	609727	44.150	ng		98
9) Benzaldehyde	6.522	77	355115	37.897	ng		95
10) Phenol	6.622	94	810194	40.694	ng		96
11) bis(2-Chloroethyl)ether	6.704	93	641817	41.758	ng		95
12) 1,3-Dichlorobenzene	6.910	146	658703	44.446	ng		97
13) 1,4-Dichlorobenzene	6.987	146	649632	43.899	ng		99
14) 1,2-Dichlorobenzene	7.140	146	603614	42.502	ng		99
15) Benzyl Alcohol	7.110	79	569846	42.608	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	770696	39.322	ng		96
17) 2-Methylphenol	7.222	107	514541	39.922	ng		99
18) Hexachloroethane	7.475	117	252362	43.651	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	414335	38.768	ng		95
20) 3+4-Methylphenols	7.375	107	592296	35.570	ng		93
22) Acetophenone	7.381	105	823025	37.880	ng	#	89
24) Nitrobenzene	7.557	77	715695	36.847	ng		99
25) Isophorone	7.793	82	1449559	41.631	ng		99
26) 2-Nitrophenol	7.869	139	381379	44.502	ng		95
27) 2,4-Dimethylphenol	7.904	122	579203	42.822	ng		98
28) bis(2-Chloroethoxy)met...	7.993	93	854923	41.972	ng		99
29) 2,4-Dichlorophenol	8.110	162	579660	43.082	ng		98
30) 1,2,4-Trichlorobenzene	8.193	180	627156	42.926	ng		99
31) Naphthalene	8.275	128	1774289	40.223	ng		99
32) Benzoic acid	8.045	122	407270m	38.993	ng		
33) 4-Chloroaniline	8.322	127	447693	23.684	ng		94
34) Hexachlorobutadiene	8.381	225	389846	41.991	ng		99
35) Caprolactam	8.710	113	206259m	46.500	ng		
36) 4-Chloro-3-methylphenol	8.810	107	626360	42.390	ng		94
37) 2-Methylnaphthalene	8.963	142	1180597	39.273	ng		100
38) 1-Methylnaphthalene	9.063	142	1086741	38.683	ng		99
40) 1,2,4,5-Tetrachloroben...	9.134	216	634824	41.356	ng		99
41) Hexachlorocyclopentadiene	9.116	237	660054	79.278	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	424699	40.826	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	461535	38.013	ng		98
46) 1,1'-Biphenyl	9.428	154	1424202	40.106	ng		99
47) 2-Chloronaphthalene	9.457	162	1154183	40.994	ng		99
48) 2-Nitroaniline	9.557	65	385740	37.200	ng		90
49) Acenaphthylene	9.875	152	1747635	39.002	ng		100
50) Dimethylphthalate	9.734	163	1410558	41.291	ng		100
51) 2,6-Dinitrotoluene	9.798	165	318931	40.994	ng		96
52) Acenaphthene	10.051	154	1211220m	42.569	ng		
53) 3-Nitroaniline	9.969	138	251443	28.892	ng		99
54) 2,4-Dinitrophenol	10.086	184	340270	69.650	ng	#	86
55) Dibenzofuran	10.222	168	1571529	37.886	ng		98
56) 4-Nitrophenol	10.139	139	449564	69.267	ng		96
57) 2,4-Dinitrotoluene	10.210	165	419431	40.524	ng		93
58) Fluorene	10.563	166	1186101	37.383	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	376262	41.718	ng		97
60) Diethylphthalate	10.428	149	1305888	39.141	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	626901	38.087	ng		96
62) 4-Nitroaniline	10.592	138	340852	39.899	ng		95
63) Azobenzene	10.710	77	1300935	36.818	ng		97
65) 4,6-Dinitro-2-methylph...	10.622	198	240046	40.417	ng		90
66) n-Nitrosodiphenylamine	10.675	169	1088102	39.782	ng		99
67) 4-Bromophenyl-phenylether	11.045	248	414870	41.804	ng		95
68) Hexachlorobenzene	11.116	284	461992	44.242	ng		97
69) Atrazine	11.198	200	380239	44.530	ng		98
70) Pentachlorophenol	11.316	266	406967	65.504	ng		97
71) Phenanthrene	11.533	178	1814364	39.920	ng		99
72) Anthracene	11.586	178	1802184	38.505	ng		99
73) Carbazole	11.739	167	1679555	39.801	ng		100
74) Di-n-butylphthalate	12.057	149	2036001	41.132	ng		99
75) Fluoranthene	12.727	202	1933986	38.924	ng		98
77) Benzidine	12.845	184	736259	60.566	ng		99
78) Pyrene	12.957	202	1942079	42.775	ng		100
80) Butylbenzylphthalate	13.563	149	818506	45.684	ng		99
81) Benzo(a)anthracene	14.151	228	1556290	41.651	ng		98
82) 3,3'-Dichlorobenzidine	14.110	252	334659	30.380	ng	#	98
83) Chrysene	14.192	228	1440930	41.239	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	984333	44.723	ng		99
85) Di-n-octyl phthalate	14.733	149	1418009	44.088	ng		97
87) Indeno(1,2,3-cd)pyrene	17.280	276	1438973	48.885	ng		100
88) Benzo(b)fluoranthene	15.239	252	1314545	43.665	ng		99
89) Benzo(k)fluoranthene	15.269	252	1223979	41.542	ng		99
90) Benzo(a)pyrene	15.627	252	1100878	39.071	ng		99
91) Dibenzo(a,h)anthracene	17.292	278	1174996	48.992	ng		98
92) Benzo(g,h,i)perylene	17.762	276	1224166	45.261	ng		99

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

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