Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125750.D
Acq On : 1 Oct 2021 13:42
Operator : JU/CG
Sample : PB139528BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139528BS

Manual Integrations APPROVED
mohammad
10/4/2021 11:53:32 AM

Quant Time: Oct 01 14:58:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	269311	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	1140002	20.00	ng		# 0.00
39) Acenaphthene-d10	9.927	164	597540	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	932234	20.00	ng		0.00
76) Chrysene-d12	14.051	240	473909	20.00	ng		0.00
86) Perylene-d12	15.521	264	488328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2025318	123.90	ng		0.02
7) Phenol-d6	6.522	99	2498031	113.67	ng		0.01
23) Nitrobenzene-d5	7.457	82	1540027	94.23	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	700259	125.69	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2824106	84.91	ng		0.00
79) Terphenyl-d14	12.998	244	2201117	80.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	248121	35.67	ng	#	100
3) Pyridine	3.510	79	554283	30.12	ng	#	71
4) n-Nitrosodimethylamine	3.469	42	295806	43.33	ng	#	1
6) Aniline	6.551	93	1044360	41.16	ng		94
8) 2-Chlorophenol	6.675	128	883427	47.65	ng		99
9) Benzaldehyde	6.439	77	390126	38.60	ng		94
10) Phenol	6.534	94	947440m	42.65	ng		
11) bis(2-Chloroethyl)ether	6.628	93	792594	45.91	ng		94
12) 1,3-Dichlorobenzene	6.833	146	871921	42.59	ng		96
13) 1,4-Dichlorobenzene	6.910	146	887782	42.62	ng		98
14) 1,2-Dichlorobenzene	7.063	146	868735	44.20	ng		99
15) Benzyl Alcohol	7.033	79	664667	43.60	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.163	45	980172	44.61	ng		87
17) 2-Methylphenol	7.139	107	683491	44.95	ng		98
18) Hexachloroethane	7.404	117	320091	47.34	ng		93
19) n-Nitroso-di-n-propyla...	7.304	70	517757	41.38	ng	#	68
20) 3+4-Methylphenols	7.292	107	789196	41.29	ng		96
22) Acetophenone	7.304	105	1083559	41.89	ng	#	89
24) Nitrobenzene	7.475	77	808907	48.65	ng		97
25) Isophorone	7.716	82	1487906	40.65	ng		94
26) 2-Nitrophenol	7.786	139	466117	52.79	ng	#	93
27) 2,4-Dimethylphenol	7.822	122	787185	48.36	ng		95
28) bis(2-Chloroethoxy)met...	7.922	93	965637	46.77	ng		98
29) 2,4-Dichlorophenol	8.028	162	725266	44.85	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	751976	42.72	ng		98
31) Naphthalene	8.198	128	2356693	40.26	ng		99
32) Benzoic acid	7.957	122	541348	45.85	ng		99
33) 4-Chloroaniline	8.239	127	780656	31.79	ng		98
34) Hexachlorobutadiene	8.316	225	412003	42.45	ng		99
35) Caprolactam	8.616	113	233764m	44.30	ng		
36) 4-Chloro-3-methylphenol	8.722	107	717251	42.33	ng		99
37) 2-Methylnaphthalene	8.886	142	1613500	40.64	ng		99
38) 1-Methylnaphthalene	8.986	142	1494230	39.83	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	660682	42.51	ng		99
41) Hexachlorocyclopentadiene	9.045	237	696343	105.90	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	515304	47.28	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	544950	46.32	ng		92
46) 1,1'-Biphenyl	9.351	154	1794856	40.74	ng		96
47) 2-Chloronaphthalene	9.374	162	1540163	42.22	ng		98
48) 2-Nitroaniline	9.469	65	414110	48.12	ng		91
49) Acenaphthylene	9.792	152	2241570	40.82	ng		96
50) Dimethylphthalate	9.651	163	1727275	42.91	ng		97
51) 2,6-Dinitrotoluene	9.710	165	399384	48.64	ng		94
52) Acenaphthene	9.963	154	1540766	44.75	ng		98
53) 3-Nitroaniline	9.880	138	360069	39.10	ng		95
54) 2,4-Dinitrophenol	9.986	184	362221	89.59	ng	#	72
55) Dibenzofuran	10.133	168	2035502	39.40	ng		98
56) 4-Nitrophenol	10.039	139	629185	84.85	ng		88
57) 2,4-Dinitrotoluene	10.116	165	521833	50.72	ng	#	80
58) Fluorene	10.480	166	1507845	37.50	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	412523	45.55	ng	#	89
60) Diethylphthalate	10.351	149	1627872	41.95	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	707554	39.59	ng		87
62) 4-Nitroaniline	10.498	138	388421	42.57	ng	#	71
63) Azobenzene	10.627	77	1462078	39.02	ng		85
65) 4,6-Dinitro-2-methylph...	10.521	198	231885	50.52	ng	#	77
66) n-Nitrosodiphenylamine	10.586	169	1392254	43.50	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	448442	45.84	ng		100
68) Hexachlorobenzene	11.027	284	513276	44.70	ng	#	83
69) Atrazine	11.110	200	429728	50.64	ng		94
70) Pentachlorophenol	11.216	266	553877	91.27	ng		94
71) Phenanthrene	11.439	178	2118013	40.52	ng		96
72) Anthracene	11.492	178	2160278	41.82	ng		97
73) Carbazole	11.639	167	1939573	38.15	ng		99
74) Di-n-butylphthalate	11.968	149	2108963	41.15	ng		99
75) Fluoranthene	12.627	202	1887853	33.79	ng		97
77) Benzidine	12.739	184	664920	53.41	ng		98
78) Pyrene	12.857	202	1894301	44.23	ng		96
80) Butylbenzylphthalate	13.468	149	663917	46.81	ng		97
81) Benzo(a)anthracene	14.039	228	1330034	41.32	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	474529	51.09	ng		99
83) Chrysene	14.074	228	1338716	41.44	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	757273	46.64	ng		98
85) Di-n-octyl phthalate	14.639	149	1366096	57.37	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.015	276	1688855	50.95	ng		97
88) Benzo(b)fluoranthene	15.092	252	1435891	41.97	ng		98
89) Benzo(k)fluoranthene	15.121	252	1443329	44.03	ng	#	97
90) Benzo(a)pyrene	15.462	252	1453652	47.73	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	1401008	50.57	ng		99
92) Benzo(g,h,i)perylene	17.468	276	1464320	51.75	ng		95

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

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