Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122478.D
Acq On : 25 Nov 2020 11:24
Operator : JU/CG
Sample : PB133227BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133227BSD

Manual Integrations APPROVED
mohammad
11/27/2020 11:42:08 AM

Quant Time: Nov 25 12:10:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	217490	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	836549	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	448572	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	853906	20.00	ng	0.00
76) Chrysene-d12	14.033	240	755226	20.00	ng	0.00
86) Perylene-d12	15.498	264	754306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	1075948	75.96	ng	0.00
7) Phenol-d6	6.492	99	1341013	72.37	ng	0.00
23) Nitrobenzene-d5	7.422	82	1426292	104.38	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	427457	88.79	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2543948	88.61	ng	0.00
79) Terphenyl-d14	12.980	244	3227140	90.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	204840	31.53	ng	89
3) Pyridine	3.451	79	599345	33.55	ng	90
4) n-Nitrosodimethylamine	3.410	42	284542	33.79	ng	89
6) Aniline	6.522	93	684268	28.14	ng	95
8) 2-Chlorophenol	6.645	128	628861	42.81	ng	90
9) Benzaldehyde	6.404	77	85909	5.81	ng	93
10) Phenol	6.510	94	764839	41.92	ng	92
11) bis(2-Chloroethyl)ether	6.592	93	592973	40.88	ng	92
12) 1,3-Dichlorobenzene	6.798	146	684808	41.07	ng	97
13) 1,4-Dichlorobenzene	6.875	146	692382	41.33	ng	98
14) 1,2-Dichlorobenzene	7.028	146	633149	40.50	ng	98
15) Benzyl Alcohol	7.004	79	526339	39.95	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.133	45	774269	36.63	ng	94
17) 2-Methylphenol	7.116	107	510246	41.62	ng	99
18) Hexachloroethane	7.369	117	247134	42.36	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	414251	37.41	ng	94
20) 3+4-Methylphenols	7.269	107	587925	38.97	ng	94
22) Acetophenone	7.269	105	799940	36.71	ng	95
24) Nitrobenzene	7.439	77	654187	41.84	ng	98
25) Isophorone	7.680	82	1152039	37.82	ng	96
26) 2-Nitrophenol	7.757	139	327923	48.27	ng	98
27) 2,4-Dimethylphenol	7.798	122	545787	37.98	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	720794	38.69	ng	99
29) 2,4-Dichlorophenol	8.004	162	536220	42.15	ng	94
30) 1,2,4-Trichlorobenzene	8.086	180	575555	40.99	ng	96
31) Naphthalene	8.163	128	1763013	39.64	ng	99
32) Benzoic acid	7.927	122	401838	50.10	ng	99
33) 4-Chloroaniline	8.210	127	461410	23.82	ng	97
34) Hexachlorobutadiene	8.280	225	341805	42.35	ng	98
35) Caprolactam	8.586	113	168545m	41.80	ng	
36) 4-Chloro-3-methylphenol	8.698	107	555347	41.85	ng	97
37) 2-Methylnaphthalene	8.857	142	1185009	40.33	ng	98
38) 1-Methylnaphthalene	8.957	142	1103192	40.11	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	551950	39.93	ng	99
41) Hexachlorocyclopentadiene	9.016	237	676325	83.68	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	389862	43.43	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	419034	44.53	ng		99
46) 1,1'-Biphenyl	9.322	154	1413170	39.58	ng		99
47) 2-Chloronaphthalene	9.345	162	1137810	40.15	ng		99
48) 2-Nitroaniline	9.439	65	341901	41.31	ng		94
49) Acenaphthylene	9.763	152	1755742	40.31	ng		99
50) Dimethylphthalate	9.627	163	1348309	42.29	ng		99
51) 2,6-Dinitrotoluene	9.686	165	310749	44.13	ng	#	79
52) Acenaphthene	9.933	154	1226937m	45.51	ng		
53) 3-Nitroaniline	9.851	138	226055	29.46	ng		96
54) 2,4-Dinitrophenol	9.963	184	318444	94.91	ng		95
55) Dibenzofuran	10.110	168	1587339	40.19	ng		99
56) 4-Nitrophenol	10.021	139	537284	77.44	ng		92
57) 2,4-Dinitrotoluene	10.092	165	423698	47.45	ng	#	80
58) Fluorene	10.451	166	1227955	40.60	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	367439	46.95	ng		97
60) Diethylphthalate	10.321	149	1326263	42.40	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	588136	41.19	ng		94
62) 4-Nitroaniline	10.474	138	329484	42.12	ng		97
63) Azobenzene	10.604	77	1245141	37.94	ng		93
65) 4,6-Dinitro-2-methylph...	10.498	198	220871	55.95	ng		92
66) n-Nitrosodiphenylamine	10.563	169	1129008	38.81	ng		96
67) 4-Bromophenyl-phenylether	10.933	248	413163	41.17	ng		96
68) Hexachlorobenzene	10.998	284	448171	41.34	ng		97
69) Atrazine	11.092	200	329729	45.51	ng		95
70) Pentachlorophenol	11.198	266	536458	85.89	ng		99
71) Phenanthrene	11.416	178	1897150	39.16	ng		99
72) Anthracene	11.463	178	1946075	38.97	ng		100
73) Carbazole	11.621	167	1774956	39.07	ng		100
74) Di-n-butylphthalate	11.951	149	2038667	42.10	ng		100
75) Fluoranthene	12.604	202	2059110	40.71	ng		97
77) Benzidine	12.721	184	911577	43.52	ng		100
78) Pyrene	12.833	202	2088707	39.37	ng		100
80) Butylbenzylphthalate	13.451	149	920518	43.59	ng		93
81) Benzo(a)anthracene	14.021	228	1879581	40.02	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	528993	30.22	ng		100
83) Chrysene	14.062	228	1903332	40.23	ng		99
84) Bis(2-ethylhexyl)phtha...	14.009	149	1190642	46.54	ng		98
85) Di-n-octyl phthalate	14.621	149	2141985	49.40	ng		96
87) Indeno(1,2,3-cd)pyrene	16.974	276	1880012	41.54	ng		99
88) Benzo(b)fluoranthene	15.074	252	2009841	41.14	ng		100
89) Benzo(k)fluoranthene	15.104	252	1884179	39.55	ng		99
90) Benzo(a)pyrene	15.439	252	1758862	41.30	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	1543147	40.71	ng		99
92) Benzo(g,h,i)perylene	17.421	276	1526819	41.41	ng		96

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

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