Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122445.D
Acq On : 23 Nov 2020 13:38
Operator : JU/CG
Sample : PB133180BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133180BS

Manual Integrations APPROVED
mohammad
11/25/2020 12:50:52 PM

Quant Time: Nov 23 14:13:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	266216	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1055261	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	572611	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	1066352	20.00	ng	0.00
76) Chrysene-d12	14.051	240	869099	20.00	ng	0.00
86) Perylene-d12	15.527	264	755972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1578435	91.04	ng	0.00
7) Phenol-d6	6.504	99	2011293	88.68	ng	0.00
23) Nitrobenzene-d5	7.434	82	1295665	75.17	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	643749	104.75	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2354418	64.24	ng	0.00
79) Terphenyl-d14	12.992	244	2591249	63.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	241457	30.37	ng	88
3) Pyridine	3.487	79	664973	30.41	ng	87
4) n-Nitrosodimethylamine	3.446	42	326828	31.70	ng	89
6) Aniline	6.528	93	717749	24.12	ng	98
8) 2-Chlorophenol	6.651	128	744156	41.39	ng	92
9) Benzaldehyde	6.410	77	122322	7.07	ng	93
10) Phenol	6.516	94	871787	39.03	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	670825	37.79	ng	95
12) 1,3-Dichlorobenzene	6.804	146	772724	37.86	ng	98
13) 1,4-Dichlorobenzene	6.881	146	784585	38.26	ng	99
14) 1,2-Dichlorobenzene	7.034	146	761507	39.79	ng	99
15) Benzyl Alcohol	7.010	79	610621	37.87	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	887658	34.31	ng	94
17) 2-Methylphenol	7.128	107	586101	39.06	ng	98
18) Hexachloroethane	7.381	117	279354	39.12	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	483660	35.68	ng	91
20) 3+4-Methylphenols	7.275	107	688142	37.26	ng	95
22) Acetophenone	7.275	105	917642	33.38	ng	96
24) Nitrobenzene	7.451	77	757142	38.39	ng	95
25) Isophorone	7.692	82	1347222	35.06	ng	96
26) 2-Nitrophenol	7.769	139	385503	45.45	ng	94
27) 2,4-Dimethylphenol	7.810	122	613192	33.83	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	834399	35.50	ng	99
29) 2,4-Dichlorophenol	8.010	162	633627	39.48	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	674200	38.07	ng	97
31) Naphthalene	8.175	128	2040993	36.38	ng	99
32) Benzoic acid	7.945	122	488595	48.58	ng	99
33) 4-Chloroaniline	8.222	127	454529	18.60	ng	96
34) Hexachlorobutadiene	8.292	225	391637	38.47	ng	99
35) Caprolactam	8.598	113	194860m	38.31	ng	
36) 4-Chloro-3-methylphenol	8.710	107	664650	39.71	ng	96
37) 2-Methylnaphthalene	8.869	142	1386669	37.41	ng	98
38) 1-Methylnaphthalene	8.969	142	1309076	37.73	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	627627	35.57	ng	100
41) Hexachlorocyclopentadiene	9.022	237	749598	72.66	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	467960	40.84	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	496230	41.31	ng		100
46) 1,1'-Biphenyl	9.334	154	1648796	36.17	ng		98
47) 2-Chloronaphthalene	9.357	162	1332044	36.82	ng		99
48) 2-Nitroaniline	9.451	65	413411	39.40	ng		93
49) Acenaphthylene	9.775	152	2040374	36.70	ng		99
50) Dimethylphthalate	9.639	163	1578748	38.79	ng		100
51) 2,6-Dinitrotoluene	9.698	165	369061	41.32	ng	#	82
52) Acenaphthene	9.945	154	1449232m	42.11	ng		
53) 3-Nitroaniline	9.863	138	251349	26.12	ng		94
54) 2,4-Dinitrophenol	9.975	184	357787	88.11	ng		95
55) Dibenzofuran	10.122	168	1859531	36.88	ng		99
56) 4-Nitrophenol	10.033	139	636452	72.25	ng		93
57) 2,4-Dinitrotoluene	10.104	165	496783	43.96	ng	#	83
58) Fluorene	10.463	166	1431721	37.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	446223	44.67	ng		98
60) Diethylphthalate	10.339	149	1546428	38.73	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	688942	37.80	ng		98
62) 4-Nitroaniline	10.486	138	387070	39.03	ng		97
63) Azobenzene	10.616	77	1465970	35.00	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	253171	52.88	ng		96
66) n-Nitrosodiphenylamine	10.575	169	1329006	36.58	ng		94
67) 4-Bromophenyl-phenylether	10.945	248	486310	38.81	ng		99
68) Hexachlorobenzene	11.010	284	535332	39.54	ng		97
69) Atrazine	11.104	200	410127	45.33	ng		98
70) Pentachlorophenol	11.210	266	631130	80.91	ng		98
71) Phenanthrene	11.427	178	2194120	36.27	ng		98
72) Anthracene	11.480	178	2227170	35.72	ng		99
73) Carbazole	11.633	167	2017417	35.56	ng		98
74) Di-n-butylphthalate	11.963	149	2331544	38.55	ng		99
75) Fluoranthene	12.616	202	2364428	37.43	ng		98
77) Benzidine	12.733	184	630222	26.14	ng		99
78) Pyrene	12.845	202	2370358	38.82	ng		99
80) Butylbenzylphthalate	13.469	149	1009806	41.70	ng		93
81) Benzo(a)anthracene	14.039	228	2017700	37.33	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	630554	31.30	ng		100
83) Chrysene	14.074	228	2062225	37.88	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1305772	44.35	ng		99
85) Di-n-octyl phthalate	14.645	149	2273740	45.57	ng		96
87) Indeno(1,2,3-cd)pyrene	17.015	276	1870868	41.24	ng		99
88) Benzo(b)fluoranthene	15.098	252	2049571	41.86	ng		99
89) Benzo(k)fluoranthene	15.127	252	1915330	40.12	ng		98
90) Benzo(a)pyrene	15.468	252	1754964	41.12	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	1543207	40.62	ng		99
92) Benzo(g,h,i)perylene	17.457	276	1495582	40.48	ng		97

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

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