Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
Data File : BF122700.D
Acq On : 14 Dec 2020 11:57
Operator : JU/CG
Sample : PB133570BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133570BS

Manual Integrations APPROVED
mohammad
12/17/2020 9:46:47 AM

Quant Time: Dec 14 16:53:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	167587	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	630236	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	340205	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	629868	20.00	ng	0.00
76) Chrysene-d12	14.010	240	545188	20.00	ng	0.00
86) Perylene-d12	15.468	264	499252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1213510	114.64	ng	0.01
7) Phenol-d6	6.481	99	1564923	111.47	ng	0.00
23) Nitrobenzene-d5	7.404	82	872161	69.33	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	511929	114.96	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1668325	66.33	ng	0.00
79) Terphenyl-d14	12.951	244	1965515	63.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	208053	41.82	ng	99
3) Pyridine	3.452	79	569388	43.30	ng	97
4) n-Nitrosodimethylamine	3.410	42	223252	42.33	ng	95
6) Aniline	6.504	93	532250	32.21	ng	98
8) 2-Chlorophenol	6.628	128	512346	43.91	ng	97
9) Benzaldehyde	6.387	77	59752	7.03	ng	98
10) Phenol	6.492	94	628868	43.23	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	485128	43.65	ng	100
12) 1,3-Dichlorobenzene	6.781	146	568764	41.20	ng	100
13) 1,4-Dichlorobenzene	6.857	146	578475	41.56	ng	99
14) 1,2-Dichlorobenzene	7.010	146	531578	39.56	ng	99
15) Benzyl Alcohol	6.981	79	410384	42.45	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	609556	38.46	ng	98
17) 2-Methylphenol	7.098	107	426795	46.02	ng	99
18) Hexachloroethane	7.351	117	204660	41.26	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	340321	42.32	ng	98
20) 3+4-Methylphenols	7.245	107	498160	42.52	ng	96
22) Acetophenone	7.251	105	664569	42.41	ng	97
24) Nitrobenzene	7.422	77	528973	42.27	ng	99
25) Isophorone	7.663	82	957624	44.20	ng	100
26) 2-Nitrophenol	7.739	139	285884	46.84	ng	92
27) 2,4-Dimethylphenol	7.775	122	479711	53.63	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	609567	41.08	ng	99
29) 2,4-Dichlorophenol	7.981	162	450207	43.10	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	481917	40.72	ng	99
31) Naphthalene	8.145	128	1479078	42.53	ng	100
32) Benzoic acid	7.922	122	307812	43.19	ng	95
33) 4-Chloroaniline	8.192	127	385572	26.52	ng	99
34) Hexachlorobutadiene	8.263	225	281848	38.69	ng	99
35) Caprolactam	8.575	113	138431m	44.00	ng	
36) 4-Chloro-3-methylphenol	8.681	107	464215	45.11	ng	99
37) 2-Methylnaphthalene	8.834	142	993482	43.18	ng	98
38) 1-Methylnaphthalene	8.934	142	923692	42.44	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	464789	41.25	ng	100
41) Hexachlorocyclopentadiene	8.992	237	438439	88.00	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	319194	41.02	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	334611	41.60	ng	98
46) 1,1'-Biphenyl	9.298	154	1185963	42.00	ng	99
47) 2-Chloronaphthalene	9.328	162	947793	40.52	ng	98
48) 2-Nitroaniline	9.422	65	274311	40.22	ng	94
49) Acenaphthylene	9.739	152	1461854	42.31	ng	100
50) Dimethylphthalate	9.604	163	1118954	41.18	ng	100
51) 2,6-Dinitrotoluene	9.663	165	257283	44.84	ng	93
52) Acenaphthene	9.910	154	1025443m	45.87	ng	
53) 3-Nitroaniline	9.833	138	177406	26.76	ng	100
54) 2,4-Dinitrophenol	9.945	184	271110	96.63	ng	94
55) Dibenzofuran	10.086	168	1311130	41.69	ng	98
56) 4-Nitrophenol	10.004	139	386732	81.80	ng	95
57) 2,4-Dinitrotoluene	10.069	165	346069	45.28	ng	99
58) Fluorene	10.428	166	1019106	40.75	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	293287	41.50	ng	99
60) Diethylphthalate	10.298	149	1084089	41.02	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	489152	39.72	ng	100
62) 4-Nitroaniline	10.451	138	255624	37.98	ng	95
63) Azobenzene	10.580	77	1000382	41.18	ng	94
65) 4,6-Dinitro-2-methylph...	10.480	198	192199	50.04	ng	97
66) n-Nitrosodiphenylamine	10.539	169	934896	42.01	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	341044	39.96	ng	98
68) Hexachlorobenzene	10.975	284	384018	40.70	ng	98
69) Atrazine	11.063	200	260142	35.99	ng	99
70) Pentachlorophenol	11.175	266	422441	84.50	ng	99
71) Phenanthrene	11.392	178	1545101	41.28	ng	99
72) Anthracene	11.439	178	1599808	43.10	ng	99
73) Carbazole	11.598	167	1447371	42.99	ng	99
74) Di-n-butylphthalate	11.922	149	1644327	38.87	ng	100
75) Fluoranthene	12.580	202	1645883	41.93	ng	99
77) Benzidine	12.698	184	648562	55.00	ng	100
78) Pyrene	12.810	202	1655587	39.28	ng	100
80) Butylbenzylphthalate	13.421	149	728744	38.38	ng	98
81) Benzo(a)anthracene	13.998	228	1532933	42.07	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	449272	34.43	ng	100
83) Chrysene	14.033	228	1483125	40.90	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	961865	36.99	ng	100
85) Di-n-octyl phthalate	14.592	149	1660856	38.51	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	1443348	44.04	ng	100
88) Benzo(b)fluoranthene	15.045	252	1522565	43.47	ng	99
89) Benzo(k)fluoranthene	15.074	252	1495903	46.71	ng	100
90) Benzo(a)pyrene	15.410	252	1347271	43.96	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	1187825	44.29	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1201484	46.28	ng	99

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

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