Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122545.D
Acq On : 4 Dec 2020 14:54
Operator : JU/CG
Sample : PB133399BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133399BSD

Manual Integrations APPROVED
mohammad
12/7/2020 1:58:57 PM

Quant Time: Dec 04 15:31:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	244994	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	966653	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	505395	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	912491	20.00	ng	0.00
76) Chrysene-d12	14.021	240	746822	20.00	ng	0.00
86) Perylene-d12	15.480	264	525272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	1400643	87.79	ng	0.02
7) Phenol-d6	6.492	99	1813807	86.90	ng	0.00
23) Nitrobenzene-d5	7.416	82	1038382	65.76	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	529993	97.71	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1883764	58.24	ng	0.00
79) Terphenyl-d14	12.962	244	2067913	58.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	263920	36.07	ng	88
3) Pyridine	3.457	79	585493	29.09	ng	89
4) n-Nitrosodimethylamine	3.410	42	273673	28.85	ng	89
6) Aniline	6.516	93	611823	22.34	ng	97
8) 2-Chlorophenol	6.639	128	632850	38.25	ng	91
9) Benzaldehyde	6.398	77	57091	2.73	ng	88
10) Phenol	6.504	94	756968	36.83	ng	88
11) bis(2-Chloroethyl)ether	6.586	93	613921	37.58	ng	94
12) 1,3-Dichlorobenzene	6.792	146	662093	35.25	ng	97
13) 1,4-Dichlorobenzene	6.869	146	665911	35.29	ng	98
14) 1,2-Dichlorobenzene	7.022	146	633217	35.96	ng	97
15) Benzyl Alcohol	6.998	79	519489	35.01	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.128	45	786026	33.01	ng	93
17) 2-Methylphenol	7.110	107	522366	37.82	ng	99
18) Hexachloroethane	7.363	117	241399	36.73	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	425939	34.15	ng	93
20) 3+4-Methylphenols	7.263	107	600059	35.31	ng	91
22) Acetophenone	7.263	105	816210	32.42	ng	95
24) Nitrobenzene	7.433	77	662234	36.66	ng	96
25) Isophorone	7.675	82	1179313	33.50	ng	97
26) 2-Nitrophenol	7.751	139	341824	44.21	ng	98
27) 2,4-Dimethylphenol	7.792	122	545487	32.85	ng	98
28) bis(2-Chloroethoxy)met...	7.886	93	743488	34.53	ng	99
29) 2,4-Dichlorophenol	7.998	162	537076	36.54	ng	94
30) 1,2,4-Trichlorobenzene	8.075	180	584433	36.02	ng	96
31) Naphthalene	8.157	128	1791129	34.85	ng	99
32) Benzoic acid	7.933	122	404391	44.66	ng	95
33) 4-Chloroaniline	8.204	127	424496	18.97	ng	96
34) Hexachlorobutadiene	8.275	225	346205	37.13	ng	100
35) Caprolactam	8.586	113	161765m	34.72	ng	
36) 4-Chloro-3-methylphenol	8.692	107	551988	36.00	ng	96
37) 2-Methylnaphthalene	8.851	142	1190890	35.07	ng	98
38) 1-Methylnaphthalene	8.951	142	1102614	34.69	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	557689	35.81	ng	100
41) Hexachlorocyclopentadiene	9.004	237	475365	52.20	ng	98
43) 2,4,6-Trichlorophenol	9.127	196	377766	37.35	ng	99

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Quant Time: Dec 04 15:31:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.174	196	400879	37.81	ng	98
46) 1,1'-Biphenyl	9.316	154	1386090	34.45	ng	98
47) 2-Chloronaphthalene	9.339	162	1132238	35.46	ng	99
48) 2-Nitroaniline	9.433	65	328784	36.01	ng	92
49) Acenaphthylene	9.757	152	1706981	34.78	ng	99
50) Dimethylphthalate	9.616	163	1271775	35.40	ng	99
51) 2,6-Dinitrotoluene	9.674	165	296796	37.99	ng	90
52) Acenaphthene	9.927	154	1196592m	39.39	ng	
53) 3-Nitroaniline	9.845	138	176721	21.53	ng	91
54) 2,4-Dinitrophenol	9.957	184	307944	86.82	ng	94
55) Dibenzofuran	10.098	168	1530498	34.39	ng	100
56) 4-Nitrophenol	10.016	139	488827	63.58	ng	93
57) 2,4-Dinitrotoluene	10.080	165	395609	40.13	ng	93
58) Fluorene	10.445	166	1170260	34.34	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	349131	39.60	ng	96
60) Diethylphthalate	10.316	149	1220457	34.63	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	561433	34.90	ng	97
62) 4-Nitroaniline	10.463	138	280403	32.64	ng	98
63) Azobenzene	10.592	77	1177487	31.85	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	209854	51.78	ng	91
66) n-Nitrosodiphenylamine	10.551	169	1054498	33.92	ng	94
67) 4-Bromophenyl-phenylether	10.921	248	384190	35.83	ng	99
68) Hexachlorobenzene	10.992	284	427809	36.93	ng	94
69) Atrazine	11.080	200	271376	35.05	ng	98
70) Pentachlorophenol	11.186	266	490946	73.55	ng	99
71) Phenanthrene	11.404	178	1725116	33.32	ng	98
72) Anthracene	11.457	178	1758372	32.95	ng	100
73) Carbazole	11.610	167	1605390	33.07	ng	100
74) Di-n-butylphthalate	11.939	149	1783424	34.46	ng	100
75) Fluoranthene	12.592	202	1832833	33.91	ng	98
77) Benzidine	12.710	184	318559	15.38	ng	98
78) Pyrene	12.821	202	1853564	35.33	ng	99
80) Butylbenzylphthalate	13.439	149	755065	36.72	ng	90
81) Benzo(a)anthracene	14.009	228	1632822	35.16	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	511976	29.58	ng	100
83) Chrysene	14.051	228	1602508	34.26	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	974063	38.50	ng	98
85) Di-n-octyl phthalate	14.609	149	1670009	38.95	ng	95
87) Indeno(1,2,3-cd)pyrene	16.950	276	1278395	40.56	ng	99
88) Benzo(b)fluoranthene	15.056	252	1654477	48.63	ng	100
89) Benzo(k)fluoranthene	15.092	252	1437050	43.32	ng	99
90) Benzo(a)pyrene	15.421	252	1339801	45.18	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	1068860	40.49	ng	99
92) Benzo(g,h,i)perylene	17.386	276	1043198	40.63	ng	98

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

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