Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122342.D
Acq On : 17 Nov 2020 13:04
Operator : JU/CG
Sample : PB132985BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132985BS

Manual Integrations APPROVED
mohammad
11/19/2020 10:28:39 AM

Quant Time: Nov 17 13:31:21 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 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	375115	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1452558	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	778286	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	1399497	20.00	ng		0.00
76) Chrysene-d12	14.039	240	1132483	20.00	ng		0.00
86) Perylene-d12	15.504	264	911702	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	2200218	90.06	ng		0.02
7) Phenol-d6	6.498	99	2850403	89.19	ng		0.00
23) Nitrobenzene-d5	7.434	82	1825058	76.92	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	852917	102.11	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	3159127	63.42	ng		0.00
79) Terphenyl-d14	12.980	244	3315095	62.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	348672	31.12	ng		90
3) Pyridine	3.481	79	970710	31.50	ng		90
4) n-Nitrosodimethylamine	3.440	42	507612	34.95	ng		96
6) Aniline	6.528	93	1101927	26.28	ng		97
8) 2-Chlorophenol	6.651	128	1029085	40.62	ng		92
9) Benzaldehyde	6.410	77	184624	7.71	ng		98
10) Phenol	6.510	94	1284976	40.83	ng		78
11) bis(2-Chloroethyl)ether	6.604	93	950151	37.98	ng		95
12) 1,3-Dichlorobenzene	6.810	146	1067681	37.12	ng		97
13) 1,4-Dichlorobenzene	6.887	146	1079212	37.35	ng		96
14) 1,2-Dichlorobenzene	7.039	146	1058170	39.24	ng		99
15) Benzyl Alcohol	7.010	79	849252	37.38	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1398941	38.37	ng		97
17) 2-Methylphenol	7.122	107	835020	39.49	ng		98
18) Hexachloroethane	7.386	117	391062	38.87	ng		92
19) n-Nitroso-di-n-propyla...	7.287	70	721652	37.79	ng		95
20) 3+4-Methylphenols	7.275	107	1000770	38.46	ng	#	86
22) Acetophenone	7.281	105	1310071	34.63	ng	#	86
24) Nitrobenzene	7.451	77	1062059	39.12	ng		96
25) Isophorone	7.692	82	1934800	36.58	ng		97
26) 2-Nitrophenol	7.769	139	511539	44.06	ng		98
27) 2,4-Dimethylphenol	7.804	122	907824	36.39	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	1213522	37.51	ng		98
29) 2,4-Dichlorophenol	8.010	162	877098	39.71	ng		94
30) 1,2,4-Trichlorobenzene	8.092	180	925745	37.97	ng		96
31) Naphthalene	8.175	128	2778879	35.98	ng		98
32) Benzoic acid	7.939	122	650854	47.27	ng		98
33) 4-Chloroaniline	8.216	127	611895	18.19	ng		99
34) Hexachlorobutadiene	8.298	225	542770	38.73	ng		99
35) Caprolactam	8.598	113	271626m	38.80	ng		
36) 4-Chloro-3-methylphenol	8.704	107	902432	39.17	ng		94
37) 2-Methylnaphthalene	8.869	142	1903455	37.31	ng		98
38) 1-Methylnaphthalene	8.969	142	1808886	37.88	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	864526	36.05	ng		99
41) Hexachlorocyclopentadiene	9.028	237	1052950	75.09	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	656382	42.14	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	665183	40.74	ng		99
46) 1,1'-Biphenyl	9.333	154	2217377	35.79	ng		98
47) 2-Chloronaphthalene	9.357	162	1816951	36.95	ng		98
48) 2-Nitroaniline	9.451	65	571773	40.00	ng		92
49) Acenaphthylene	9.775	152	2730887	36.14	ng		97
50) Dimethylphthalate	9.633	163	2120976	38.34	ng		99
51) 2,6-Dinitrotoluene	9.692	165	492273	40.62	ng		92
52) Acenaphthene	9.945	154	1922502	41.10	ng		99
53) 3-Nitroaniline	9.857	138	338088	25.88	ng		99
54) 2,4-Dinitrophenol	9.969	184	448914	84.08	ng		96
55) Dibenzofuran	10.116	168	2500826	36.49	ng		99
56) 4-Nitrophenol	10.022	139	836873	70.08	ng		92
57) 2,4-Dinitrotoluene	10.098	165	658527	42.99	ng		90
58) Fluorene	10.463	166	1883141	35.88	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	595186	43.83	ng		97
60) Diethylphthalate	10.339	149	2049529	37.77	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	935584	37.77	ng		98
62) 4-Nitroaniline	10.480	138	503558	37.50	ng		98
63) Azobenzene	10.610	77	2057254	36.13	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	309138	50.42	ng		97
66) n-Nitrosodiphenylamine	10.569	169	1768139	37.08	ng		93
67) 4-Bromophenyl-phenylether	10.939	248	656890	39.94	ng		98
68) Hexachlorobenzene	11.010	284	706877	39.78	ng		95
69) Atrazine	11.098	200	549923	46.31	ng		99
70) Pentachlorophenol	11.198	266	836949	81.76	ng		97
71) Phenanthrene	11.422	178	2849922	35.89	ng		97
72) Anthracene	11.474	178	2902768	35.47	ng		98
73) Carbazole	11.627	167	2642419	35.49	ng		99
74) Di-n-butylphthalate	11.957	149	3006682	37.88	ng		98
75) Fluoranthene	12.610	202	2987333	36.04	ng		98
77) Benzidine	12.727	184	942553	30.01	ng		99
78) Pyrene	12.839	202	3001961	37.73	ng		97
80) Butylbenzylphthalate	13.457	149	1282578	40.73	ng		97
81) Benzo(a)anthracene	14.027	228	2550692	36.22	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	716558	27.30	ng		100
83) Chrysene	14.063	228	2612991	36.83	ng		96
84) Bis(2-ethylhexyl)phtha...	14.021	149	1579057	41.16	ng	#	96
85) Di-n-octyl phthalate	14.633	149	2777137	42.71	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	2210606	40.41	ng		99
88) Benzo(b)fluoranthene	15.080	252	2523697	42.74	ng		99
89) Benzo(k)fluoranthene	15.110	252	2289009	39.76	ng		98
90) Benzo(a)pyrene	15.445	252	2116282	41.11	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	1827495	39.88	ng		100
92) Benzo(g,h,i)perylene	17.421	276	1771814	39.76	ng		98

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

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