Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122229.D
Acq On : 2 Nov 2020 16:54
Operator : JU/CG
Sample : L4541-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124031MS

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:14 AM

Quant Time: Nov 02 18:10:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	74336	20.00	ng		-0.01
21) Naphthalene-d8	7.992	136	298307	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	151975	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	295029	20.00	ng		0.00
76) Chrysene-d12	13.886	240	213901	20.00	ng		0.00
86) Perylene-d12	15.321	264	200916	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	646912	128.44	ng		0.00
7) Phenol-d6	6.369	99	773983	119.38	ng		0.00
23) Nitrobenzene-d5	7.281	82	502974	86.47	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	237931	126.56	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	776157	75.14	ng		0.00
79) Terphenyl-d14	12.816	244	823897	73.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.405	88	93916	42.40	ng		99
3) Pyridine	3.134	79	249978	42.92	ng		96
4) n-Nitrosodimethylamine	3.087	42	138978	49.37	ng		90
6) Aniline	6.381	93	157778	19.76	ng	#	1
8) 2-Chlorophenol	6.504	128	249698	49.05	ng		97
9) Benzaldehyde	6.269	77	75956	17.39	ng		99
10) Phenol	6.381	94	352626	52.70	ng		94
11) bis(2-Chloroethyl)ether	6.445	93	239216	46.25	ng		99
12) 1,3-Dichlorobenzene	6.645	146	265211	46.32	ng		99
13) 1,4-Dichlorobenzene	6.722	146	271714	47.26	ng		98
14) 1,2-Dichlorobenzene	6.875	146	250693	47.70	ng		96
15) Benzyl Alcohol	6.869	79	217233	51.80	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.981	45	363713	45.69	ng		88
17) 2-Methylphenol	6.992	107	203297	46.71	ng	#	89
18) Hexachloroethane	7.210	117	98699	47.53	ng		97
19) n-Nitroso-di-n-propyla...	7.134	70	182368	49.40	ng		99
20) 3+4-Methylphenols	7.151	107	276458	52.67	ng	#	59
22) Acetophenone	7.128	105	346805	45.18	ng	#	89
24) Nitrobenzene	7.298	77	279504	44.96	ng		99
25) Isophorone	7.539	82	480386	43.68	ng		99
26) 2-Nitrophenol	7.616	139	132180	46.17	ng		89
27) 2,4-Dimethylphenol	7.663	122	215927	44.24	ng		95
28) bis(2-Chloroethoxy)met...	7.745	93	296283	43.06	ng		99
29) 2,4-Dichlorophenol	7.875	162	210317	46.02	ng		99
30) 1,2,4-Trichlorobenzene	7.934	180	210381	43.29	ng		99
31) Naphthalene	8.016	128	703868	44.05	ng		100
32) Benzoic acid	7.845	122	127996	46.22	ng		96
33) 4-Chloroaniline	8.086	127	84589	12.43	ng		99
34) Hexachlorobutadiene	8.122	225	128127	44.46	ng		100
35) Caprolactam	8.463	113	71077m	48.97	ng		
36) 4-Chloro-3-methylphenol	8.581	107	234651	47.80	ng		98
37) 2-Methylnaphthalene	8.704	142	455567	44.02	ng		98
38) 1-Methylnaphthalene	8.804	142	421709	44.00	ng		99
40) 1,2,4,5-Tetrachloroben...	8.875	216	218880	44.62	ng		100
41) Hexachlorocyclopentadiene	8.851	237	77548	59.41	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	141418	46.73	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	139019	42.53	ng		98
46) 1,1'-Biphenyl	9.169	154	552192	44.69	ng		99
47) 2-Chloronaphthalene	9.198	162	435776	45.35	ng		99
48) 2-Nitroaniline	9.310	65	158096	49.88	ng		97
49) Acenaphthylene	9.610	152	666425	45.15	ng		100
50) Dimethylphthalate	9.475	163	630889	56.77	ng		100
51) 2,6-Dinitrotoluene	9.551	165	113165	46.42	ng		93
52) Acenaphthene	9.781	154	402233	45.82	ng		98
53) 3-Nitroaniline	9.728	138	63548	22.92	ng		99
54) 2,4-Dinitrophenol	9.851	184	98132	79.01	ng	#	87
55) Dibenzofuran	9.951	168	589228	45.89	ng		93
56) 4-Nitrophenol	9.928	139	65423m	43.38	ng		
57) 2,4-Dinitrotoluene	9.963	165	155354	51.77	ng		97
58) Fluorene	10.298	166	492432	47.61	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	129000	51.01	ng		95
60) Diethylphthalate	10.169	149	503103	46.95	ng		98
61) 4-Chlorophenyl-phenyle...	10.286	204	229250	46.21	ng		97
62) 4-Nitroaniline	10.345	138	113682	41.04	ng		89
63) Azobenzene	10.445	77	531060	46.86	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	83064	42.57	ng		99
66) n-Nitrosodiphenylamine	10.410	169	447856	44.07	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	149862	43.97	ng		99
68) Hexachlorobenzene	10.845	284	173017	44.85	ng		99
69) Atrazine	10.939	200	118467	47.67	ng		98
70) Pentachlorophenol	11.057	266	119809	79.08	ng		97
71) Phenanthrene	11.263	178	784658	48.51	ng		99
72) Anthracene	11.316	178	778120	46.38	ng		98
73) Carbazole	11.475	167	704642	47.23	ng		99
74) Di-n-butylphthalate	11.792	149	783845	45.67	ng		99
75) Fluoranthene	12.451	202	948500	54.68	ng		98
77) Benzidine	12.580	184	210921	31.98	ng		99
78) Pyrene	12.680	202	928167	56.94	ng		100
80) Butylbenzylphthalate	13.292	149	325035	50.28	ng		95
81) Benzo(a)anthracene	13.874	228	719491	51.33	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	126744	24.38	ng		98
83) Chrysene	13.910	228	683688	49.68	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	423385	48.24	ng		98
85) Di-n-octyl phthalate	14.457	149	636588	44.84	ng		100
87) Indeno(1,2,3-cd)pyrene	16.745	276	674472	51.70	ng		98
88) Benzo(b)fluoranthene	14.910	252	705585	51.95	ng		99
89) Benzo(k)fluoranthene	14.939	252	527626	40.90	ng		99
90) Benzo(a)pyrene	15.262	252	562376	47.94	ng		99
91) Dibenzo(a,h)anthracene	16.739	278	525051	48.88	ng		99
92) Benzo(g,h,i)perylene	17.168	276	586145	54.53	ng		97

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

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