Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122226.D
Acq On : 2 Nov 2020 15:18
Operator : JU/CG
Sample : PB132772BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132772BS

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:05 AM

Quant Time: Nov 02 15:44:13 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	6.710	152	105217	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	425849	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	222491	20.00	ng		0.00
64) Phenanthrene-d10	11.239	188	416873	20.00	ng		0.00
76) Chrysene-d12	13.886	240	297062	20.00	ng		0.00
86) Perylene-d12	15.321	264	250450	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	903319	126.71	ng		0.01
7) Phenol-d6	6.375	99	1073023	116.93	ng		0.00
23) Nitrobenzene-d5	7.287	82	737919	88.87	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	356330	129.47	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	1243567	82.24	ng		0.00
79) Terphenyl-d14	12.822	244	1365648	87.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	117062	37.34	ng		99
3) Pyridine	3.216	79	317523	38.52	ng		99
4) n-Nitrosodimethylamine	3.175	42	193166	48.48	ng		93
6) Aniline	6.381	93	340533	30.13	ng	#	33
8) 2-Chlorophenol	6.504	128	351145	48.73	ng		99
9) Benzaldehyde	6.269	77	97533	15.46	ng		97
10) Phenol	6.387	94	430851	45.49	ng		99
11) bis(2-Chloroethyl)ether	6.451	93	355046	48.49	ng		99
12) 1,3-Dichlorobenzene	6.645	146	365157	45.05	ng		98
13) 1,4-Dichlorobenzene	6.728	146	374196	45.98	ng		97
14) 1,2-Dichlorobenzene	6.881	146	339418	45.63	ng		98
15) Benzyl Alcohol	6.875	79	309704	52.18	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.987	45	511581	45.41	ng	#	30
17) 2-Methylphenol	6.992	107	290277	47.12	ng	#	87
18) Hexachloroethane	7.210	117	138285	47.05	ng		100
19) n-Nitroso-di-n-propyla...	7.140	70	266551	51.01	ng		99
20) 3+4-Methylphenols	7.151	107	399869	53.83	ng	#	60
22) Acetophenone	7.134	105	492574	44.95	ng	#	88
24) Nitrobenzene	7.304	77	397910	44.83	ng		99
25) Isophorone	7.545	82	706480	45.00	ng		99
26) 2-Nitrophenol	7.622	139	188069	46.01	ng		94
27) 2,4-Dimethylphenol	7.669	122	312207	44.81	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	444557	45.25	ng		99
29) 2,4-Dichlorophenol	7.875	162	306102	46.92	ng		98
30) 1,2,4-Trichlorobenzene	7.939	180	301941	43.52	ng		99
31) Naphthalene	8.016	128	1003429	43.99	ng		99
32) Benzoic acid	7.857	122	157023	40.80	ng		97
33) 4-Chloroaniline	8.081	127	238809	24.58	ng		99
34) Hexachlorobutadiene	8.128	225	187481	45.57	ng		99
35) Caprolactam	8.475	113	99445m	47.99	ng		
36) 4-Chloro-3-methylphenol	8.586	107	338548	48.31	ng		97
37) 2-Methylnaphthalene	8.710	142	653492	44.23	ng		98
38) 1-Methylnaphthalene	8.804	142	607213	44.38	ng		99
40) 1,2,4,5-Tetrachloroben...	8.875	216	314772	43.83	ng		99
41) Hexachlorocyclopentadiene	8.851	237	131409	64.80	ng		98
43) 2,4,6-Trichlorophenol	9.004	196	200817	45.32	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	194596	40.67	ng	98
46) 1,1'-Biphenyl	9.175	154	795518	43.97	ng	98
47) 2-Chloronaphthalene	9.198	162	620295	44.09	ng	99
48) 2-Nitroaniline	9.316	65	227487	49.02	ng	98
49) Acenaphthylene	9.610	152	943756	43.68	ng	100
50) Dimethylphthalate	9.481	163	738279	45.38	ng	100
51) 2,6-Dinitrotoluene	9.557	165	164149	46.00	ng	88
52) Acenaphthene	9.781	154	578370	45.00	ng	100
53) 3-Nitroaniline	9.728	138	110213	27.15	ng	98
54) 2,4-Dinitrophenol	9.857	184	138287	76.37	ng	89
55) Dibenzofuran	9.957	168	837244	44.54	ng	94
56) 4-Nitrophenol	9.928	139	85632m	38.78	ng	
57) 2,4-Dinitrotoluene	9.969	165	218985	49.84	ng	96
58) Fluorene	10.298	166	689268	45.51	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	187909	50.76	ng	96
60) Diethylphthalate	10.181	149	755919	48.18	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	342136	47.11	ng	93
62) 4-Nitroaniline	10.351	138	161288	39.77	ng	91
63) Azobenzene	10.451	77	775514	46.74	ng	98
65) 4,6-Dinitro-2-methylph...	10.386	198	116289	42.22	ng	98
66) n-Nitrosodiphenylamine	10.416	169	640861	44.63	ng	99
67) 4-Bromophenyl-phenylether	10.775	248	224542	46.62	ng	95
68) Hexachlorobenzene	10.851	284	254197	46.63	ng	94
69) Atrazine	10.945	200	171477	48.84	ng	100
70) Pentachlorophenol	11.057	266	164808	77.20	ng	98
71) Phenanthrene	11.263	178	1010097	44.19	ng	99
72) Anthracene	11.316	178	1045941	44.12	ng	99
73) Carbazole	11.480	167	928994	44.07	ng	99
74) Di-n-butylphthalate	11.792	149	1149926	47.42	ng	99
75) Fluoranthene	12.457	202	1089758	44.46	ng	97
77) Benzidine	12.580	184	363701	39.71	ng	99
78) Pyrene	12.686	202	1075422	47.51	ng	99
80) Butylbenzylphthalate	13.292	149	470080	52.36	ng	99
81) Benzo(a)anthracene	13.874	228	906909	46.59	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	208021	28.81	ng	99
83) Chrysene	13.916	228	871912	45.63	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	653497	53.62	ng	100
85) Di-n-octyl phthalate	14.457	149	1049568	53.24	ng	100
87) Indeno(1,2,3-cd)pyrene	16.751	276	761363	46.82	ng	98
88) Benzo(b)fluoranthene	14.916	252	787210	46.50	ng	99
89) Benzo(k)fluoranthene	14.939	252	734391	45.67	ng	99
90) Benzo(a)pyrene	15.268	252	670271	45.84	ng	99
91) Dibenzo(a,h)anthracene	16.745	278	633400	47.31	ng	99
92) Benzo(g,h,i)perylene	17.168	276	632570	47.21	ng	97

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

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