Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122208.D
Acq On : 31 Oct 2020 8:08
Operator : JU/CG
Sample : PB132741BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132741BS

Manual Integrations APPROVED
mohammad
11/2/2020 12:36:49 PM

Quant Time: Nov 01 23:50:22 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	93121	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	351857	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	159130	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	244090	20.00	ng		0.00
76) Chrysene-d12	13.880	240	193836	20.00	ng		0.00
86) Perylene-d12	15.315	264	187737	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	731252	115.90	ng		0.01
7) Phenol-d6	6.375	99	848916	104.52	ng		0.00
23) Nitrobenzene-d5	7.287	82	572974	83.51	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	198640	100.91	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	936113	86.55	ng		0.00
79) Terphenyl-d14	12.816	244	715621	70.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	99981	36.03	ng		98
3) Pyridine	3.187	79	264295	36.22	ng		98
4) n-Nitrosodimethylamine	3.134	42	151946	43.09	ng		95
6) Aniline	6.381	93	311968	31.19	ng	#	38
8) 2-Chlorophenol	6.504	128	282441	44.29	ng		98
9) Benzaldehyde	6.269	77	93447	17.01	ng		98
10) Phenol	6.387	94	341248	40.71	ng		99
11) bis(2-Chloroethyl)ether	6.451	93	280303	43.26	ng		98
12) 1,3-Dichlorobenzene	6.645	146	308122	42.95	ng		99
13) 1,4-Dichlorobenzene	6.728	146	311717	43.28	ng		98
14) 1,2-Dichlorobenzene	6.881	146	286878	43.57	ng		99
15) Benzyl Alcohol	6.869	79	241120	45.90	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.987	45	426283	42.75	ng	#	25
17) 2-Methylphenol	6.987	107	225430	41.34	ng	#	84
18) Hexachloroethane	7.210	117	104451	40.15	ng		98
19) n-Nitroso-di-n-propyla...	7.134	70	209900	45.39	ng		98
20) 3+4-Methylphenols	7.145	107	300799	45.75	ng	#	62
22) Acetophenone	7.128	105	389764	43.05	ng	#	90
24) Nitrobenzene	7.304	77	312376	42.60	ng		98
25) Isophorone	7.539	82	549086	42.33	ng		99
26) 2-Nitrophenol	7.622	139	139446	41.29	ng		97
27) 2,4-Dimethylphenol	7.663	122	235965	40.99	ng		96
28) bis(2-Chloroethoxy)met...	7.745	93	344832	42.48	ng		99
29) 2,4-Dichlorophenol	7.875	162	225589	41.85	ng		99
30) 1,2,4-Trichlorobenzene	7.939	180	237937	41.51	ng		98
31) Naphthalene	8.016	128	777484	41.25	ng		99
32) Benzoic acid	7.834	122	92843	31.38	ng		97
33) 4-Chloroaniline	8.081	127	236627	29.47	ng		99
34) Hexachlorobutadiene	8.128	225	149338	43.94	ng		99
35) Caprolactam	8.463	113	67465m	39.41	ng		
36) 4-Chloro-3-methylphenol	8.581	107	235230	40.63	ng		99
37) 2-Methylnaphthalene	8.710	142	488246	39.99	ng		100
38) 1-Methylnaphthalene	8.804	142	448899	39.71	ng		99
40) 1,2,4,5-Tetrachloroben...	8.875	216	232923	45.35	ng		100
41) Hexachlorocyclopentadiene	8.851	237	16735	23.71	ng		98
43) 2,4,6-Trichlorophenol	8.998	196	142609	45.00	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	137316	40.12	ng		94
46) 1,1'-Biphenyl	9.169	154	578487	44.71	ng		100
47) 2-Chloronaphthalene	9.198	162	441667	43.89	ng		99
48) 2-Nitroaniline	9.310	65	151177	45.55	ng		97
49) Acenaphthylene	9.610	152	640354	41.44	ng		100
50) Dimethylphthalate	9.475	163	520634	44.74	ng		100
51) 2,6-Dinitrotoluene	9.551	165	107445	42.10	ng		90
52) Acenaphthene	9.780	154	386092	42.00	ng		100
53) 3-Nitroaniline	9.722	138	88695	30.55	ng		97
54) 2,4-Dinitrophenol	9.857	184	37182m	34.13	ng		
55) Dibenzofuran	9.951	168	559703	41.63	ng		94
56) 4-Nitrophenol	9.951	139	338716	214.49	ng	#	19
57) 2,4-Dinitrotoluene	9.963	165	130671	41.59	ng		99
58) Fluorene	10.298	166	436119	40.27	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	107162	40.47	ng		99
60) Diethylphthalate	10.169	149	510318	45.48	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	224697	43.26	ng		98
62) 4-Nitroaniline	10.345	138	89855	30.98	ng		95
63) Azobenzene	10.445	77	488500	41.17	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	30006	21.08	ng		96
66) n-Nitrosodiphenylamine	10.410	169	402836	47.91	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	132508	46.99	ng		97
68) Hexachlorobenzene	10.845	284	139334	43.65	ng		99
69) Atrazine	10.939	200	102786	50.00	ng		98
70) Pentachlorophenol	11.057	266	84436	68.54	ng		99
71) Phenanthrene	11.257	178	559331	41.79	ng		100
72) Anthracene	11.310	178	577879	41.63	ng		99
73) Carbazole	11.475	167	506792	41.06	ng		100
74) Di-n-butylphthalate	11.792	149	672930	47.39	ng		99
75) Fluoranthene	12.451	202	561655	39.14	ng		97
77) Benzidine	12.580	184	412058	68.95	ng		100
78) Pyrene	12.680	202	566966	38.38	ng		99
80) Butylbenzylphthalate	13.286	149	248886	42.49	ng		99
81) Benzo(a)anthracene	13.868	228	545946	42.98	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	198020	42.03	ng		99
83) Chrysene	13.910	228	531171	42.60	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	350869	44.12	ng		99
85) Di-n-octyl phthalate	14.457	149	623849	48.49	ng		100
87) Indeno(1,2,3-cd)pyrene	16.733	276	478762	39.28	ng		98
88) Benzo(b)fluoranthene	14.910	252	532663	41.97	ng		99
89) Benzo(k)fluoranthene	14.933	252	506711	42.03	ng		99
90) Benzo(a)pyrene	15.262	252	455690	41.58	ng		99
91) Dibenzo(a,h)anthracene	16.733	278	408112	40.66	ng		98
92) Benzo(g,h,i)perylene	17.156	276	381536	37.98	ng		96

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

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