Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117497.D
Acq On : 23 Oct 2019 21:37
Operator : JU
Sample : K5494-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-2FTMSD

Manual Integrations APPROVED
mohammad
10/24/2019 5:02:21 PM

Quant Time: Oct 24 09:27:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	43815	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	179697	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	90550	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	141391	20.00	ng		0.00
76) Chrysene-d12	13.89	240	79718	20.00	ng		0.00
87) Perylene-d12	15.32	264	90816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	300771	102.12	ng		0.00
7) Phenol-d6	6.39	99	414989	104.91	ng		0.00
23) Nitrobenzene-d5	7.30	82	264402	72.64	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	76763	97.98	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	412766	64.23	ng		0.00
79) Terphenyl-d14	12.83	244	340627	69.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	44553	35.981	ng		94
3) Pyridine	3.16	79	113797	37.542	ng		98
4) n-Nitrosodimethylamine	3.10	42	47534	43.225	ng		95
6) Aniline	6.40	93	115779	24.931	ng	#	2
8) 2-Chlorophenol	6.52	128	137423	44.220	ng		98
9) Benzaldehyde	6.28	77	81781	43.483	ng		97
10) Phenol	6.40	94	176396	43.692	ng		82
11) bis(2-Chloroethyl)ether	6.47	93	130676	43.759	ng		97
12) 1,3-Dichlorobenzene	6.67	146	138367	39.898	ng		95
13) 1,4-Dichlorobenzene	6.75	146	139729	39.716	ng		97
14) 1,2-Dichlorobenzene	6.90	146	135422	40.835	ng		99
15) Benzyl Alcohol	6.89	79	124480	44.046	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	130764	40.592	ng		69
17) 2-Methylphenol	7.00	107	112910	44.165	ng		97
18) Hexachloroethane	7.24	117	53205	38.745	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	104701	43.340	ng		97
20) 3+4-Methylphenols	7.16	107	145137	43.300	ng	#	74
22) Acetophenone	7.15	105	200175	41.951	ng	#	94
24) Nitrobenzene	7.32	77	152350	43.699	ng		96
25) Isophorone	7.56	82	277126	44.010	ng		97
26) 2-Nitrophenol	7.64	139	70420	45.289	ng		97
27) 2,4-Dimethylphenol	7.68	122	120340	51.786	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	165958	42.712	ng		99
29) 2,4-Dichlorophenol	7.89	162	108436	44.489	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	109634	41.915	ng		99
31) Naphthalene	8.03	128	394329	44.272	ng		100
32) Benzoic acid	7.84	122	62825	39.472	ng		99
33) 4-Chloroaniline	8.10	127	38890	10.346	ng		99
34) Hexachlorobutadiene	8.15	225	60256	39.801	ng		96
35) Caprolactam	8.47	113	36000m	45.978	ng		
36) 4-Chloro-3-methylphenol	8.59	107	127881	46.005	ng		97
37) 2-Methylnaphthalene	8.73	142	272989	45.485	ng		98
38) 1-Methylnaphthalene	8.83	142	254030	45.043	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	101299	41.535	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	24058	47.056	ng		93
43) 2,4,6-Trichlorophenol	9.02	196	68247	44.685	ng		97
44) 2,4,5-Trichlorophenol	9.06	196	74443	48.101	ng		96
46) 1,1'-Biphenyl	9.19	154	314898	42.007	ng		97
47) 2-Chloronaphthalene	9.22	162	240573	42.564	ng		99
48) 2-Nitroaniline	9.32	65	79389	42.787	ng		87
49) Acenaphthylene	9.63	152	374902	45.158	ng		99
50) Dimethylphthalate	9.49	163	386885	59.934	ng		100
51) 2,6-Dinitrotoluene	9.56	165	61182	45.419	ng		97
52) Acenaphthene	9.80	154	222289	43.642	ng		99
53) 3-Nitroaniline	9.73	138	33357	20.409	ng		94
54) 2,4-Dinitrophenol	9.86	184	16419	32.309	ng		94
55) Dibenzofuran	9.97	168	329333	44.628	ng		98
56) 4-Nitrophenol	9.92	139	70323	92.777	ng	#	85
57) 2,4-Dinitrotoluene	9.97	165	79819	44.568	ng		98
58) Fluorene	10.32	166	267775	43.879	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	54412	44.733	ng		92
60) Diethylphthalate	10.19	149	282787	43.311	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	118436	43.258	ng		94
62) 4-Nitroaniline	10.35	138	52152	33.853	ng		97
63) Azobenzene	10.46	77	301414	45.095	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	15632	21.745	ng		89
66) n-Nitrosodiphenylamine	10.43	169	236576	45.769	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	67546	44.352	ng		94
68) Hexachlorobenzene	10.87	284	69194	42.424	ng		95
69) Atrazine	10.96	200	71828	54.617	ng		98
70) Pentachlorophenol	11.07	266	54338	111.134	ng		94
71) Phenanthrene	11.27	178	376780	45.893	ng		99
72) Anthracene	11.33	178	390618	46.370	ng		99
73) Carbazole	11.49	167	342340	44.468	ng		99
74) Di-n-butylphthalate	11.81	149	465217	45.226	ng		100
75) Fluoranthene	12.46	202	350169	42.605	ng		99
78) Pyrene	12.69	202	335753	49.034	ng		99
80) Butylbenzylphthalate	13.30	149	165969	48.708	ng		95
81) Benzo(a)anthracene	13.88	228	247622	46.050	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	73448	43.528	ng	#	98
83) Chrysene	13.92	228	236735	44.921	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	238201	49.905	ng		95
85) Di-n-octyl phthalate	14.47	149	357674	48.738	ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	202414	51.443	ng		99
88) Benzo(b)fluoranthene	14.92	252	226688	42.270	ng		96
89) Benzo(k)fluoranthene	14.94	252	222415	40.465	ng		99
90) Benzo(a)pyrene	15.27	252	208570	42.776	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	175177	41.550	ng		99
92) Benzo(g,h,i)perylene	17.15	276	156817	39.311	ng		97

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

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