Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
Data File : BF117476.D
Acq On : 22 Oct 2019 14:13
Operator : JU
Sample : PB124094BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Manual Integrations APPROVED
mohammad
10/23/2019 8:06:01 AM

Quant Time: Oct 22 14:59:25 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	50438	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	227790	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	125673	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	210733	20.00	ng		0.00
76) Chrysene-d12	13.90	240	144543	20.00	ng		0.00
87) Perylene-d12	15.33	264	81760	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	377932	111.47	ng		0.02
7) Phenol-d6	6.39	99	501126	110.05	ng		0.00
23) Nitrobenzene-d5	7.30	82	274976	59.59	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	122358	112.52	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	514071	57.64	ng		0.00
79) Terphenyl-d14	12.84	244	534296	60.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	47889	33.596	ng		97
3) Pyridine	3.25	79	108684	31.147	ng		96
4) n-Nitrosodimethylamine	3.18	42	49556	39.146	ng		96
6) Aniline	6.40	93	142465	26.649	ng	#	10
8) 2-Chlorophenol	6.53	128	152738	42.694	ng		96
9) Benzaldehyde	6.29	77	52560	20.482	ng		96
10) Phenol	6.40	94	190133	40.910	ng		89
11) bis(2-Chloroethyl)ether	6.47	93	140561	40.889	ng		99
12) 1,3-Dichlorobenzene	6.67	146	150964	37.814	ng		98
13) 1,4-Dichlorobenzene	6.75	146	154330	38.106	ng		96
14) 1,2-Dichlorobenzene	6.90	146	145543	38.125	ng		99
15) Benzyl Alcohol	6.89	79	139944	43.016	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	147616	39.806	ng		71
17) 2-Methylphenol	7.00	107	128164	43.549	ng		96
18) Hexachloroethane	7.24	117	59352	37.546	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	119441	42.950	ng		95
20) 3+4-Methylphenols	7.16	107	172763	44.774	ng	#	82
22) Acetophenone	7.15	105	228591	37.792	ng		96
24) Nitrobenzene	7.32	77	176213	39.873	ng		97
25) Isophorone	7.56	82	333064	41.726	ng		98
26) 2-Nitrophenol	7.64	139	81619	41.409	ng		99
27) 2,4-Dimethylphenol	7.68	122	137939	46.827	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	195044	39.600	ng		98
29) 2,4-Dichlorophenol	7.89	162	130107	42.110	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	126332	38.102	ng		98
31) Naphthalene	8.04	128	447958	39.675	ng		100
32) Benzoic acid	7.85	122	80868	40.081	ng		98
33) 4-Chloroaniline	8.09	127	126155	26.475	ng		98
34) Hexachlorobutadiene	8.15	225	70314	36.639	ng		96
35) Caprolactam	8.47	113	41822m	42.136	ng		
36) 4-Chloro-3-methylphenol	8.59	107	155113	44.020	ng		97
37) 2-Methylnaphthalene	8.73	142	313261	41.175	ng		98
38) 1-Methylnaphthalene	8.83	142	298658	41.776	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	121919	36.019	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	42962	55.658	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	83626	39.452	ng		97
44) 2,4,5-Trichlorophenol	9.06	196	91090	42.408	ng		93
46) 1,1'-Biphenyl	9.19	154	379335	36.460	ng		99
47) 2-Chloronaphthalene	9.22	162	293862	37.461	ng		100
48) 2-Nitroaniline	9.32	65	98697	38.326	ng		91
49) Acenaphthylene	9.63	152	458533	39.796	ng		100
50) Dimethylphthalate	9.50	163	358579	40.024	ng		100
51) 2,6-Dinitrotoluene	9.56	165	79311	42.423	ng	#	88
52) Acenaphthene	9.80	154	265855	37.608	ng		99
53) 3-Nitroaniline	9.73	138	62621	27.606	ng		99
54) 2,4-Dinitrophenol	9.86	184	58964	76.449	ng		98
55) Dibenzofuran	9.97	168	409612	39.994	ng		97
56) 4-Nitrophenol	9.92	139	87614	83.706	ng		95
57) 2,4-Dinitrotoluene	9.97	165	103616	41.686	ng		88
58) Fluorene	10.32	166	338567	39.974	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	72975	43.227	ng		98
60) Diethylphthalate	10.20	149	375012	41.384	ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	150066	39.492	ng		93
62) 4-Nitroaniline	10.36	138	73061	34.171	ng		94
63) Azobenzene	10.47	77	387162	41.736	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	45257	42.240	ng		96
66) n-Nitrosodiphenylamine	10.43	169	299426	38.867	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	87965	38.754	ng	#	88
68) Hexachlorobenzene	10.87	284	89206	36.697	ng	#	88
69) Atrazine	10.96	200	91511	46.687	ng		97
70) Pentachlorophenol	11.07	266	73961	101.493	ng		96
71) Phenanthrene	11.28	178	474615	38.787	ng		99
72) Anthracene	11.33	178	493164	39.279	ng		99
73) Carbazole	11.49	167	450283	39.244	ng		99
74) Di-n-butylphthalate	11.82	149	631326	41.179	ng		98
75) Fluoranthene	12.47	202	477183	38.955	ng		99
77) Benzidine	12.59	184	82815	16.263	ng		97
78) Pyrene	12.70	202	477157	38.432	ng		99
80) Butylbenzylphthalate	13.30	149	245321	39.707	ng		99
81) Benzo(a)anthracene	13.89	228	372793	38.235	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	105618	34.522	ng		98
83) Chrysene	13.93	228	365107	38.209	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	362642	41.902	ng	#	95
85) Di-n-octyl phthalate	14.48	149	570415	42.868	ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	232945	32.651	ng		99
88) Benzo(b)fluoranthene	14.92	252	297777	61.677	ng		98
89) Benzo(k)fluoranthene	14.95	252	257341	52.005	ng		99
90) Benzo(a)pyrene	15.27	252	232661	53.002	ng		97
91) Dibenzo(a,h)anthracene	16.74	278	196813	51.852	ng		96
92) Benzo(g,h,i)perylene	17.16	276	189347	52.723	ng		99

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

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