Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
Data File : BF117481.D
Acq On : 22 Oct 2019 18:53
Operator : JU
Sample : PB124094BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Manual Integrations APPROVED
mohammad
10/23/2019 8:06:04 AM

Quant Time: Oct 22 19:21:03 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	51764	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	223898	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	113413	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	179817	20.00	ng		0.00
76) Chrysene-d12	13.90	240	131385	20.00	ng		0.00
87) Perylene-d12	15.34	264	89046	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	341562	98.17	ng		0.02
7) Phenol-d6	6.39	99	460619	98.56	ng		0.00
23) Nitrobenzene-d5	7.30	82	241368	53.22	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	91563	93.31	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	426945	53.04	ng		0.00
79) Terphenyl-d14	12.83	244	390873	48.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	47123	32.212	ng		95
3) Pyridine	3.26	79	104543	29.192	ng		95
4) n-Nitrosodimethylamine	3.19	42	45229	34.813	ng		98
6) Aniline	6.40	93	134118	24.445	ng	#	14
8) 2-Chlorophenol	6.53	128	139655	38.037	ng		94
9) Benzaldehyde	6.29	77	50158	18.680	ng		93
10) Phenol	6.40	94	173925	36.464	ng		85
11) bis(2-Chloroethyl)ether	6.47	93	125493	35.571	ng		99
12) 1,3-Dichlorobenzene	6.67	146	135405	33.048	ng		98
13) 1,4-Dichlorobenzene	6.75	146	140959	33.913	ng		97
14) 1,2-Dichlorobenzene	6.90	146	133447	34.061	ng		98
15) Benzyl Alcohol	6.89	79	123628	37.027	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	127764	33.570	ng		66
17) 2-Methylphenol	7.00	107	114960	38.062	ng		97
18) Hexachloroethane	7.24	117	53606	33.043	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	102092	35.771	ng		98
20) 3+4-Methylphenols	7.16	107	153010	38.639	ng	#	80
22) Acetophenone	7.15	105	198527	33.392	ng		96
24) Nitrobenzene	7.32	77	155667	35.836	ng		96
25) Isophorone	7.56	82	277080	35.316	ng		96
26) 2-Nitrophenol	7.64	139	71440	36.874	ng		98
27) 2,4-Dimethylphenol	7.68	122	119228	41.179	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	164333	33.945	ng		99
29) 2,4-Dichlorophenol	7.89	162	110554	36.404	ng		100
30) 1,2,4-Trichlorobenzene	7.96	180	109920	33.728	ng		98
31) Naphthalene	8.04	128	391616	35.287	ng		99
32) Benzoic acid	7.84	122	65098	32.825	ng		94
33) 4-Chloroaniline	8.09	127	101563	21.684	ng		98
34) Hexachlorobutadiene	8.15	225	60214	31.922	ng		96
35) Caprolactam	8.46	113	35536m	36.426	ng		
36) 4-Chloro-3-methylphenol	8.59	107	127888	36.925	ng		99
37) 2-Methylnaphthalene	8.73	142	268180	35.862	ng		99
38) 1-Methylnaphthalene	8.83	142	252069	35.872	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	101466	33.217	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	30498	47.432	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	68221	35.663	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	73247	37.787	ng		94
46) 1,1'-Biphenyl	9.19	154	308258	32.832	ng		100
47) 2-Chloronaphthalene	9.22	162	237135	33.497	ng		99
48) 2-Nitroaniline	9.32	65	79154	34.060	ng		96
49) Acenaphthylene	9.63	152	367342	35.328	ng		98
50) Dimethylphthalate	9.49	163	272096	33.654	ng		99
51) 2,6-Dinitrotoluene	9.56	165	60485	35.850	ng		97
52) Acenaphthene	9.80	154	216658	33.961	ng		98
53) 3-Nitroaniline	9.73	138	47797	23.349	ng		99
54) 2,4-Dinitrophenol	9.86	184	41823	61.051	ng		97
55) Dibenzofuran	9.97	168	321760	34.812	ng		97
56) 4-Nitrophenol	9.92	139	62793	67.328	ng		88
57) 2,4-Dinitrotoluene	9.97	165	79327	35.364	ng		98
58) Fluorene	10.32	166	262360	34.325	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	54340	35.668	ng		96
60) Diethylphthalate	10.19	149	273206	33.408	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	117346	34.219	ng		97
62) 4-Nitroaniline	10.35	138	62128	32.199	ng		94
63) Azobenzene	10.47	77	289867	34.625	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	32810	35.888	ng		89
66) n-Nitrosodiphenylamine	10.43	169	227922	34.672	ng		97
67) 4-Bromophenyl-phenylether	10.79	248	64034	33.061	ng		97
68) Hexachlorobenzene	10.87	284	67127	32.362	ng		99
69) Atrazine	10.96	200	67344	40.265	ng		97
70) Pentachlorophenol	11.07	266	50976	81.979	ng		98
71) Phenanthrene	11.28	178	365501	35.005	ng		99
72) Anthracene	11.33	178	380788	35.543	ng		99
73) Carbazole	11.49	167	345811	35.320	ng		99
74) Di-n-butylphthalate	11.81	149	423805	32.396	ng		99
75) Fluoranthene	12.47	202	366406	35.054	ng		99
77) Benzidine	12.59	184	72944	15.638	ng		98
78) Pyrene	12.70	202	372088	32.971	ng		99
80) Butylbenzylphthalate	13.30	149	177968	31.691	ng		98
81) Benzo(a)anthracene	13.89	228	300404	33.896	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	92056	33.102	ng	#	98
83) Chrysene	13.93	228	296130	34.094	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	245392	31.194	ng		97
85) Di-n-octyl phthalate	14.49	149	405534	33.529	ng		100
86) Indeno(1,2,3-cd)pyrene	16.76	276	214789	33.122	ng		99
88) Benzo(b)fluoranthene	14.93	252	241529	45.933	ng		97
89) Benzo(k)fluoranthene	14.96	252	254242	47.174	ng		99
90) Benzo(a)pyrene	15.29	252	217189	45.429	ng		98
91) Dibenzo(a,h)anthracene	16.76	278	184661	44.670	ng		97
92) Benzo(g,h,i)perylene	17.18	276	177777	45.451	ng		98

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

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