Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107264.D
Acq On : 10 Jul 2018 11:27
Operator : JU/SJ
Sample : PB110879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Manual Integrations APPROVED
Sohil
7/11/2018 11:22:22 AM

Quant Time: Jul 10 14:07:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	32654	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	124807	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	63445	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	119645	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	81875	20.00	ng		-0.03
86) Perylene-d12	15.67	264	86582	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	235641	122.19	ng		-0.01
7) Phenol-d6	6.59	99	287644	119.44	ng		-0.02
23) Nitrobenzene-d5	7.51	82	186295	82.95	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	88538	120.40	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	362238	99.08	ng		-0.03
78) Terphenyl-d14	13.06	244	365938	108.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	33541	33.831	ng		98
3) Pyridine	3.63	79	94531	35.158	ng		96
4) n-Nitrosodimethylamine	3.59	42	38716	33.902	ng		90
6) Aniline	6.61	93	78575	24.053	ng	#	53
8) 2-Chlorophenol	6.74	128	86486	40.890	ng		96
9) Benzaldehyde	6.50	77	45890	25.330	ng		97
10) Phenol	6.60	94	105540	38.401	ng		79
11) bis(2-Chloroethyl)ether	6.67	93	86261	38.019	ng		98
12) 1,3-Dichlorobenzene	6.88	146	102823	41.507	ng		97
13) 1,4-Dichlorobenzene	6.95	146	103549	41.345	ng		99
14) 1,2-Dichlorobenzene	7.11	146	95172	41.464	ng		97
15) Benzyl Alcohol	7.08	79	72417	37.450	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	125420	42.132	ng	#	41
17) 2-Methylphenol	7.20	107	72787	40.213	ng	#	90
18) Hexachloroethane	7.44	117	35234	40.005	ng	#	89
19) n-Nitroso-di-n-propylamine	7.35	70	60796	38.299	ng		93
20) 3+4-Methylphenols	7.35	107	94586	49.939	ng	#	83
22) Acetophenone	7.35	105	120996	43.333	ng	#	99
24) Nitrobenzene	7.52	77	94638	41.275	ng		98
25) Isophorone	7.76	82	172229	43.520	ng		98
26) 2-Nitrophenol	7.84	139	48518	44.825	ng		93
27) 2,4-Dimethylphenol	7.88	122	78664	47.020	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	109178	41.089	ng		98
29) 2,4-Dichlorophenol	8.09	162	78489	44.812	ng		94
30) 1,2,4-Trichlorobenzene	8.16	180	88226	45.725	ng		98
31) Naphthalene	8.24	128	254925	43.688	ng		99
32) Benzoic acid	8.01	122	35077	31.114	ng		95
33) 4-Chloroaniline	8.30	127	39750	16.235	ng		99
34) Hexachlorobutadiene	8.35	225	58201	46.292	ng		98
35) Caprolactam	8.67	113	22602m	39.587	ng		
36) 4-Chloro-3-methylphenol	8.79	107	76889	41.706	ng		98
37) 2-Methylnaphthalene	8.94	142	188434	48.721	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	98259	45.988	ng	#	96
40) Hexachlorocyclopentadiene	9.08	237	33315	30.306	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	51951	36.579	ng		91
43) 2,4,5-Trichlorophenol	9.27	196	50167	33.851	ng		89
45) 1,1'-Biphenyl	9.40	154	225595	44.617	ng		96
46) 2-Chloronaphthalene	9.43	162	162284	40.775	ng		95
47) 2-Nitroaniline	9.53	65	47875	35.772	ng		93
48) Acenaphthylene	9.85	152	256115	40.759	ng		99
49) Dimethylphthalate	9.70	163	177565	37.316	ng		99
50) 2,6-Dinitrotoluene	9.77	165	41887	41.570	ng		88
51) Acenaphthene	10.02	154	155006	39.174	ng		98
52) 3-Nitroaniline	9.94	138	21860	18.853	ng		98
53) 2,4-Dinitrophenol	10.07	184	23344	46.930	ng	#	17
54) Dibenzofuran	10.19	168	232558	42.922	ng		95
55) 4-Nitrophenol	10.13	139	21350	26.379	ng		92
56) 2,4-Dinitrotoluene	10.18	165	51638	39.262	ng		95
57) Fluorene	10.54	166	186763	43.438	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	38021	32.274	ng	#	75
59) Diethylphthalate	10.40	149	167628	36.499	ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	96257	42.788	ng	#	85
61) 4-Nitroaniline	10.57	138	38007	33.028	ng		95
62) Azobenzene	10.68	77	168872	37.339	ng		91
64) 4,6-Dinitro-2-methylphenol	10.60	198	23233	31.414	ng	#	73
65) n-Nitrosodiphenylamine	10.64	169	155221	38.571	ng		100
66) 4-Bromophenyl-phenylether	11.01	248	62417	43.713	ng	#	78
67) Hexachlorobenzene	11.09	284	66197	44.294	ng	#	80
68) Atrazine	11.17	200	51466	40.229	ng		95
69) Pentachlorophenol	11.29	266	18622m	24.973	ng		
70) Phenanthrene	11.51	178	256861	44.511	ng		99
71) Anthracene	11.56	178	265889	45.141	ng		98
72) Carbazole	11.71	167	216890	39.330	ng		98
73) Di-n-butylphthalate	12.02	149	242128	37.269	ng		99
74) Fluoranthene	12.70	202	256544	40.334	ng		94
76) Benzidine	12.82	184	73598	31.563	ng		97
77) Pyrene	12.93	202	253756	47.000	ng		99
79) Butylbenzylphthalate	13.52	149	84416	38.028	ng	#	96
80) Benzo(a)anthracene	14.12	228	211924	42.469	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	42962	24.497	ng	#	97
82) Chrysene	14.16	228	196792	42.867	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	106663	37.584	ng	#	98
84) Di-n-octyl phthalate	14.69	149	180131	38.939	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	266812	68.485	ng	#	90
87) Benzo(b)fluoranthene	15.21	252	206116	38.323	ng	#	96
88) Benzo(k)fluoranthene	15.24	252	204037	39.837	ng	#	95
89) Benzo(a)pyrene	15.61	252	211035	44.138	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	219614	54.198	ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	233170	58.872	ng	#	89

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

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