Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108591.D
Acq On : 29 Aug 2018 7:52
Operator : JU/SJ
Sample : PB112433BSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Manual Integrations APPROVED
Sohil
8/29/2018 4:19:51 PM

Quant Time: Aug 29 08:51:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	97978	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	344044	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	148389	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	265430	20.00	ng		0.00
75) Chrysene-d12	14.19	240	273245	20.00	ng		0.00
86) Perylene-d12	15.75	264	235985	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	379481	70.12	ng		0.01
7) Phenol-d6	6.63	99	496771	69.08	ng		0.00
23) Nitrobenzene-d5	7.57	82	488131	79.17	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	109475	73.96	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	866076	93.70	ng		-0.01
78) Terphenyl-d14	13.12	244	800132	74.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.97	88	82009	29.491	ng	#	86
3) Pyridine	3.73	79	214728	29.976	ng	#	84
4) n-Nitrosodimethylamine	3.70	42	116595	28.927	ng		81
6) Aniline	6.67	93	134918	13.792	ng	#	69
8) 2-Chlorophenol	6.79	128	217721	35.720	ng		93
9) Benzaldehyde	6.56	77	125453	22.500	ng		99
10) Phenol	6.65	94	244007	32.802	ng		90
11) bis(2-Chloroethyl)ether	6.73	93	189365	31.488	ng		92
12) 1,3-Dichlorobenzene	6.94	146	254439	36.103	ng		99
13) 1,4-Dichlorobenzene	7.02	146	268579	37.930	ng		97
14) 1,2-Dichlorobenzene	7.17	146	246087	37.363	ng		98
15) Benzyl Alcohol	7.14	79	179808	29.700	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	391329	31.586	ng		83
17) 2-Methylphenol	7.25	107	169495	32.427	ng	#	92
18) Hexachloroethane	7.51	117	87301	34.631	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	157321	32.350	ng		92
20) 3+4-Methylphenols	7.41	107	217898	32.531	ng	#	26
22) Acetophenone	7.41	105	314787	39.130	ng	#	89
24) Nitrobenzene	7.58	77	231984	37.209	ng		96
25) Isophorone	7.81	82	404663	34.434	ng		96
26) 2-Nitrophenol	7.90	139	98868	41.991	ng		95
27) 2,4-Dimethylphenol	7.93	122	176775	33.893	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	247834	36.125	ng		99
29) 2,4-Dichlorophenol	8.14	162	173243	36.093	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	201204	38.020	ng		98
31) Naphthalene	8.31	128	623134	39.826	ng		99
32) Benzoic acid	8.04	122	64806	24.721	ng		92
33) 4-Chloroaniline	8.36	127	66560	9.762	ng		100
34) Hexachlorobutadiene	8.41	225	132046	39.415	ng		99
35) Caprolactam	8.71	113	43035	28.611	ng	#	82
36) 4-Chloro-3-methylphenol	8.84	107	167097	32.270	ng		100
37) 2-Methylnaphthalene	8.99	142	394157	35.606	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	201339	44.184	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	67001	22.764	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	111550	39.448	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	119774	38.477	ng		96
45) 1,1'-Biphenyl	9.46	154	468683	42.838	ng		97
46) 2-Chloronaphthalene	9.49	162	352976	40.820	ng		97
47) 2-Nitroaniline	9.59	65	108247	38.689	ng		88
48) Acenaphthylene	9.91	152	544172	39.806	ng		100
49) Dimethylphthalate	9.75	163	402561	38.946	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	82934	38.349	ng		97
51) Acenaphthene	10.08	154	322994	38.575	ng		99
52) 3-Nitroaniline	10.01	138	47094	19.903	ng		98
53) 2,4-Dinitrophenol	10.11	184	19356	28.838	ng	#	31
54) Dibenzofuran	10.25	168	466598	38.464	ng		100
55) 4-Nitrophenol	10.17	139	102673	57.302	ng		84
56) 2,4-Dinitrotoluene	10.23	165	105569	37.924	ng	#	93
57) Fluorene	10.59	166	358130	37.294	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	96647	37.146	ng	#	82
59) Diethylphthalate	10.45	149	371911	37.157	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	187133	37.398	ng		90
61) 4-Nitroaniline	10.62	138	67728	28.951	ng		94
62) Azobenzene	10.74	77	364760	35.288	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	16727	20.270	ng		91
65) n-Nitrosodiphenylamine	10.70	169	313810	40.008	ng		96
66) 4-Bromophenyl-phenylether	11.07	248	112700	39.071	ng		90
67) Hexachlorobenzene	11.14	284	119697	39.439	ng	#	89
68) Atrazine	11.22	200	101226	38.477	ng		96
69) Pentachlorophenol	11.34	266	101251	69.700	ng		99
70) Phenanthrene	11.57	178	500798	40.002	ng		99
71) Anthracene	11.62	178	517294	40.314	ng		99
72) Carbazole	11.78	167	453678	39.795	ng		97
73) Di-n-butylphthalate	12.08	149	530335	41.070	ng		99
74) Fluoranthene	12.76	202	584905	42.808	ng		94
76) Benzidine	12.88	184	200998	19.688	ng		98
77) Pyrene	12.99	202	601957	34.797	ng		98
79) Butylbenzylphthalate	13.59	149	249253	36.285	ng		96
80) Benzo(a)anthracene	14.18	228	607592	38.746	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	170747	30.383	ng	#	97
82) Chrysene	14.22	228	567280	39.458	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	341339	36.694	ng		98
84) Di-n-octyl phthalate	14.77	149	640354	45.137	ng		98
85) Indeno(1,2,3-cd)pyrene	17.37	276	433002	34.760	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	567246m	40.227	ng		
88) Benzo(k)fluoranthene	15.31	252	494046	38.114	ng	#	97
89) Benzo(a)pyrene	15.68	252	478266	37.876	ng		96
90) Dibenzo(a,h)anthracene	17.38	278	372913	35.693	ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	339657	33.016	ng	#	90

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

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