Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110247.D
Acq On : 27 Oct 2018 8:16
Operator : JU/SJ
Sample : PB114167BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114167BSD

Manual Integrations APPROVED
Sohil
10/29/2018 11:56:50 AM

Quant Time: Oct 29 08:40:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	106560	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	425968	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	174985	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	273955	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	186132	20.00	ng		-0.01
87) Perylene-d12	15.67	264	128090	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	519787	79.43	ng		0.00
7) Phenol-d6	6.59	99	644141	76.96	ng		-0.01
23) Nitrobenzene-d5	7.53	82	565490	78.74	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	114801	66.23	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1046435	93.90	ng		-0.01
79) Terphenyl-d14	13.09	244	718559	80.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	91196	26.600	ng		89
3) Pyridine	3.67	79	268198	35.123	ng		90
4) n-Nitrosodimethylamine	3.63	42	130998	40.947	ng		93
6) Aniline	6.63	93	179745	16.486	ng	#	53
8) 2-Chlorophenol	6.75	128	286246	37.942	ng		98
9) Benzaldehyde	6.52	77	122713	22.216	ng		92
10) Phenol	6.60	94	335352	37.483	ng	#	64
11) bis(2-Chloroethyl)ether	6.70	93	262180	35.619	ng		96
12) 1,3-Dichlorobenzene	6.91	146	298340	35.934	ng		96
13) 1,4-Dichlorobenzene	6.99	146	304719	36.290	ng		98
14) 1,2-Dichlorobenzene	7.14	146	284639	36.516	ng		99
15) Benzyl Alcohol	7.10	79	233886	36.332	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	415090	35.270	ng		69
17) 2-Methylphenol	7.21	107	230891	38.402	ng	#	81
18) Hexachloroethane	7.47	117	93046	30.267	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	190689	35.513	ng		96
20) 3+4-Methylphenols	7.36	107	292891	37.686	ng		98
22) Acetophenone	7.37	105	380555	38.772	ng	#	96
24) Nitrobenzene	7.55	77	282581	38.112	ng		94
25) Isophorone	7.79	82	512586	41.871	ng		95
26) 2-Nitrophenol	7.86	139	119380	33.835	ng		97
27) 2,4-Dimethylphenol	7.89	122	259741	44.402	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	325879	39.185	ng		98
29) 2,4-Dichlorophenol	8.10	162	224833	38.043	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	246314	37.208	ng		93
31) Naphthalene	8.27	128	781011	39.782	ng		99
32) Benzoic acid	8.00	122	102408	22.650	ng		91
33) 4-Chloroaniline	8.32	127	97033	10.982	ng		98
34) Hexachlorobutadiene	8.38	225	137956	37.533	ng		97
35) Caprolactam	8.69	113	68977m	33.486	ng		
36) 4-Chloro-3-methylphenol	8.80	107	231334	36.198	ng		97
37) 2-Methylnaphthalene	8.96	142	525010	40.418	ng		98
38) 1-Methylnaphthalene	9.06	142	488537	38.919	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	219082	40.183	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	60983	21.874	ng		97
43) 2,4,6-Trichlorophenol	9.24	196	135516	38.536	ng		93
44) 2,4,5-Trichlorophenol	9.29	196	141048	37.945	ng		93
46) 1,1'-Biphenyl	9.43	154	621655	39.286	ng		99
47) 2-Chloronaphthalene	9.46	162	454161	39.127	ng		99
48) 2-Nitroaniline	9.55	65	142654	40.557	ng		95
49) Acenaphthylene	9.87	152	686847	40.969	ng		99
50) Dimethylphthalate	9.72	163	553888	42.881	ng		99
51) 2,6-Dinitrotoluene	9.79	165	105744	38.005	ng		90
52) Acenaphthene	10.05	154	415673	37.479	ng		97
53) 3-Nitroaniline	9.96	138	90862	27.461	ng		94
54) 2,4-Dinitrophenol	10.07	184	12231	15.535	ng		91
55) Dibenzofuran	10.22	168	587444	37.831	ng		98
56) 4-Nitrophenol	10.12	139	202069	82.515	ng		95
57) 2,4-Dinitrotoluene	10.20	165	124174	35.136	ng	#	86
58) Fluorene	10.56	166	447716	38.741	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	102111	33.702	ng		94
60) Diethylphthalate	10.42	149	515898	40.915	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	221349	36.307	ng		97
62) 4-Nitroaniline	10.58	138	111703	33.943	ng		90
63) Azobenzene	10.71	77	454008	36.275	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	10462	8.359	ng		88
66) n-Nitrosodiphenylamine	10.67	169	397710	44.260	ng		96
67) 4-Bromophenyl-phenylether	11.04	248	126602	42.604	ng	#	88
68) Hexachlorobenzene	11.11	284	121520	38.541	ng		94
69) Atrazine	11.19	200	120959	42.596	ng		97
70) Pentachlorophenol	11.30	266	99003	53.849	ng		98
71) Phenanthrene	11.53	178	582650	40.646	ng		100
72) Anthracene	11.58	178	602691	41.946	ng		98
73) Carbazole	11.73	167	527620	37.609	ng		99
74) Di-n-butylphthalate	12.05	149	702302	44.325	ng		99
75) Fluoranthene	12.72	202	572678	39.365	ng		99
77) Benzidine	12.84	184	247592	50.149	ng		97
78) Pyrene	12.95	202	568919	42.635	ng		98
80) Butylbenzylphthalate	13.56	149	265509	45.842	ng		98
81) Benzo(a)anthracene	14.14	228	459905	41.666	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	152748	39.741	ng		97
83) Chrysene	14.18	228	423017	40.349	ng		97
84) Bis(2-ethylhexyl)phthalate	14.11	149	368070	47.011	ng		96
85) Di-n-octyl phthalate	14.73	149	576690	47.370	ng		100
86) Indeno(1,2,3-cd)pyrene	17.24	276	296890	34.135	ng		97
88) Benzo(b)fluoranthene	15.22	252	341180	46.126	ng		99
89) Benzo(k)fluoranthene	15.25	252	308100m	42.370	ng		
90) Benzo(a)pyrene	15.61	252	296311	43.535	ng		97
91) Dibenzo(a,h)anthracene	17.26	278	248688	42.346	ng		98
92) Benzo(g,h,i)perylene	17.72	276	241973	41.813	ng		98

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

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