Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098758.D
Acq On : 24 Sep 2017 00:17
Operator : SJ/JU
Sample : I5304-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-2(0-5)MSD

Manual Integrations APPROVED
Sohil
9/25/2017 6:26:40 PM

Quant Time: Sep 25 15:25:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	158079	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	606817	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	220686	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	319093	20.00	ng		0.00
75) Chrysene-d12	14.09	240	294686	20.00	ng		0.00
86) Perylene-d12	15.58	264	256590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	878070	88.42	ng		0.01
7) Phenol-d6	6.55	99	1041509	85.02	ng		0.00
23) Nitrobenzene-d5	7.49	82	578553	61.14	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	136263	75.46	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	880852	66.63	ng		0.00
78) Terphenyl-d14	13.03	244	643483	49.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	120172	25.334	ng		98
3) Pyridine	3.57	79	324433	25.283	ng		97
4) n-Nitrosodimethylamine	3.52	42	159748	29.357	ng	#	91
6) Aniline	6.59	93	361583	21.870	ng		99
8) 2-Chlorophenol	6.71	128	313358	27.865	ng		96
9) Benzaldehyde	6.47	77	102682	14.450	ng		99
10) Phenol	6.56	94	420305	30.679	ng		96
11) bis(2-Chloroethyl)ether	6.66	93	301960	28.351	ng		98
12) 1,3-Dichlorobenzene	6.86	146	298658	25.359	ng		97
13) 1,4-Dichlorobenzene	6.94	146	304091	25.378	ng		99
14) 1,2-Dichlorobenzene	7.09	146	286047	25.835	ng		99
15) Benzyl Alcohol	7.06	79	268249	29.850	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	458732	27.645	ng		99
17) 2-Methylphenol	7.17	107	251851	27.371	ng		99
18) Hexachloroethane	7.44	117	86127	19.997	ng		99
19) n-Nitroso-di-n-propylamine	7.33	70	209749	26.818	ng		98
20) 3+4-Methylphenols	7.32	107	324242	27.855	ng	#	87
22) Acetophenone	7.33	105	419052	28.503	ng	#	96
24) Nitrobenzene	7.50	77	303182	28.246	ng		99
25) Isophorone	7.74	82	556263	28.434	ng		99
26) 2-Nitrophenol	7.82	139	129857	25.158	ng		91
27) 2,4-Dimethylphenol	7.85	122	243243	24.954	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	370288	30.372	ng		99
29) 2,4-Dichlorophenol	8.06	162	226551	27.070	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	222255	26.552	ng		98
31) Naphthalene	8.23	128	767317	26.923	ng		100
33) 4-Chloroaniline	8.27	127	238726	20.058	ng		99
34) Hexachlorobutadiene	8.34	225	110825	25.705	ng		98
35) Caprolactam	8.63	113	58282	21.710	ng		98
36) 4-Chloro-3-methylphenol	8.75	107	229383	24.385	ng		98
37) 2-Methylnaphthalene	8.92	142	495713	26.756	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	186403	28.322	ng		99
40) Hexachlorocyclopentadiene	9.07	237	35272	11.727	ng		96
42) 2,4,6-Trichlorophenol	9.19	196	134999	28.954	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	132078	28.377	ng		98
45) 1,1'-Biphenyl	9.38	154	544550	28.711	ng		99
46) 2-Chloronaphthalene	9.41	162	415176	29.154	ng		95
47) 2-Nitroaniline	9.50	65	135460	31.066	ng		97
48) Acenaphthylene	9.82	152	595311	27.308	ng		100
49) Dimethylphthalate	9.67	163	629222	37.777	ng		100
50) 2,6-Dinitrotoluene	9.74	165	97994	27.024	ng		96
51) Acenaphthene	9.99	154	351220	25.434	ng		99
52) 3-Nitroaniline	9.91	138	119430	28.247	ng		92
53) 2,4-Dinitrophenol	10.01	184	1485	6.557	ng	#	30
54) Dibenzofuran	10.17	168	515908	28.059	ng		99
55) 4-Nitrophenol	10.06	139	153697	42.990	ng		96
56) 2,4-Dinitrotoluene	10.14	165	112097	23.820	ng		98
57) Fluorene	10.51	166	380727	25.763	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	85023	26.444	ng		96
59) Diethylphthalate	10.37	149	463153	28.457	ng		100
60) 4-Chlorophenyl-phenylether	10.50	204	180245	27.152	ng		99
61) 4-Nitroaniline	10.52	138	106907	26.208	ng		95
62) Azobenzene	10.66	77	410478	27.429	ng		100
65) n-Nitrosodiphenylamine	10.62	169	347046	31.394	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	94507	30.258	ng		92
67) Hexachlorobenzene	11.06	284	90247	27.053	ng		98
68) Atrazine	11.14	200	96209	28.927	ng		99
69) Pentachlorophenol	11.24	266	96374	46.420	ng		98
70) Phenanthrene	11.47	178	502755	29.435	ng		98
71) Anthracene	11.52	178	511673	29.278	ng		100
72) Carbazole	11.67	167	493112	28.813	ng		100
73) Di-n-butylphthalate	12.00	149	610161	29.620	ng		98
74) Fluoranthene	12.66	202	515141	29.785	ng		96
76) Benzidine	12.78	184	359594	32.992	ng		98
77) Pyrene	12.89	202	544720	24.241	ng		99
79) Butylbenzylphthalate	13.50	149	262515	24.857	ng		96
80) Benzo(a)anthracene	14.08	228	491667	27.554	ng		98
81) 3,3'-Dichlorobenzidine	14.04	252	186407	28.497	ng		98
82) Chrysene	14.12	228	460809	27.125	ng		97
83) Bis(2-ethylhexyl)phthalate	14.06	149	399729	27.489	ng	#	99
84) Di-n-octyl phthalate	14.67	149	709621	30.306	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	358398	26.373	ng		95
87) Benzo(b)fluoranthene	15.14	252	418329	26.516	ng		98
88) Benzo(k)fluoranthene	15.17	252	428549	27.502	ng		99
89) Benzo(a)pyrene	15.52	252	390706	26.980	ng	#	97
90) Dibenzo(a,h)anthracene	17.10	278	307074	26.496	ng		96
91) Benzo(g,h,i)perylene	17.54	276	285425	24.915	ng		94

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

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