Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098416.D
Acq On : 11 Sep 2017 21:49
Operator : SJ/JU
Sample : I5138-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MS

Manual Integrations APPROVED
Sohil
9/12/2017 6:02:08 PM

Quant Time: Sep 12 02:39:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 19:42:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	245097	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	1037614	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	460463	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	809116	20.00	ng		0.00
75) Chrysene-d12	13.82	240	446228	20.00	ng		0.00
86) Perylene-d12	15.22	264	379664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2343890	141.39	ng		0.02
7) Phenol-d6	6.33	99	2932092	139.31	ng		0.01
23) Nitrobenzene-d5	7.25	82	1918994	103.10	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	493122	160.46	ng		0.01
44) 2-Fluorobiphenyl	9.03	172	2438290	89.75	ng		0.00
78) Terphenyl-d14	12.77	244	1817732	87.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	347783	40.648	ng		88
3) Pyridine	3.07	79	998034	43.924	ng	#	82
4) n-Nitrosodimethylamine	3.04	42	562196	50.468	ng		92
6) Aniline	6.35	93	870247	32.958	ng	#	1
8) 2-Chlorophenol	6.46	128	858667	47.106	ng		93
9) Benzaldehyde	6.22	77	665449	48.365	ng		94
10) Phenol	6.35	94	1170085	47.862	ng		84
11) bis(2-Chloroethyl)ether	6.42	93	905996	49.153	ng		96
12) 1,3-Dichlorobenzene	6.61	146	863317	47.054	ng		95
13) 1,4-Dichlorobenzene	6.69	146	866552	46.109	ng	#	93
14) 1,2-Dichlorobenzene	6.84	146	773695	45.187	ng		99
15) Benzyl Alcohol	6.83	79	700218	49.988	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1409232	46.467	ng		76
17) 2-Methylphenol	6.95	107	749966	50.455	ng	#	87
18) Hexachloroethane	7.18	117	340606	47.324	ng	#	87
19) n-Nitroso-di-n-propylamine	7.10	70	630598	47.631	ng		99
20) 3+4-Methylphenols	7.10	107	928493	49.499	ng	#	68
22) Acetophenone	7.09	105	1271388	47.408	ng	#	94
24) Nitrobenzene	7.26	77	1009922	47.637	ng		98
25) Isophorone	7.50	82	1888504	50.150	ng		99
26) 2-Nitrophenol	7.57	139	488388	57.056	ng	#	78
27) 2,4-Dimethylphenol	7.63	122	799197	48.978	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	1170414	50.937	ng		100
29) 2,4-Dichlorophenol	7.83	162	698050	51.437	ng		97
30) 1,2,4-Trichlorobenzene	7.90	180	728194	49.327	ng		99
31) Naphthalene	7.97	128	2441796	47.603	ng		99
32) Benzoic acid	7.75	122	105598	16.015	ng		99
33) 4-Chloroaniline	8.03	127	586009	28.110	ng		99
34) Hexachlorobutadiene	8.09	225	360364	47.550	ng		97
35) Caprolactam	8.43	113	233581m	49.913	ng		
36) 4-Chloro-3-methylphenol	8.53	107	833106	49.500	ng	#	84
37) 2-Methylnaphthalene	8.67	142	1574881	50.686	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	639018	44.552	ng		98
40) Hexachlorocyclopentadiene	8.82	237	467918	107.541	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	434825	51.612	ng		91
43) 2,4,5-Trichlorophenol	9.00	196	455570	51.735	ng		96
45) 1,1'-Biphenyl	9.13	154	1851008	44.912	ng		97
46) 2-Chloronaphthalene	9.16	162	1415826	48.102	ng	#	92
47) 2-Nitroaniline	9.26	65	587972	52.045	ng		94
48) Acenaphthylene	9.57	152	2040342	46.621	ng		99
49) Dimethylphthalate	9.45	163	2193470	61.539	ng		100
50) 2,6-Dinitrotoluene	9.51	165	385625	52.669	ng	#	79
51) Acenaphthene	9.74	154	1313503	47.215	ng		99
52) 3-Nitroaniline	9.67	138	270446	30.600	ng		99
53) 2,4-Dinitrophenol	9.79	184	202130	60.705	ng	#	73
54) Dibenzofuran	9.92	168	1769748	48.289	ng		99
55) 4-Nitrophenol	9.86	139	505506	99.553	ng	#	44
56) 2,4-Dinitrotoluene	9.92	165	441043	49.549	ng	#	58
57) Fluorene	10.26	166	1364930	44.996	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	338200	57.148	ng		99
59) Diethylphthalate	10.14	149	1625620	47.956	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	653281	46.626	ng		91
61) 4-Nitroaniline	10.30	138	427429	47.888	ng		86
62) Azobenzene	10.41	77	1773913	48.554	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	228815	46.302	ng	#	76
65) n-Nitrosodiphenylamine	10.37	169	1324891	50.429	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	400649	52.173	ng		99
67) Hexachlorobenzene	10.80	284	378471	48.588	ng	#	92
68) Atrazine	10.90	200	402425	49.755	ng		98
69) Pentachlorophenol	11.00	266	349731	99.570	ng		97
70) Phenanthrene	11.22	178	2078282	48.452	ng		99
71) Anthracene	11.26	178	2144678	48.700	ng		99
72) Carbazole	11.43	167	1939414	47.254	ng		99
73) Di-n-butylphthalate	11.75	149	2378506	48.368	ng		99
74) Fluoranthene	12.40	202	1990520	46.356	ng		99
76) Benzidine	12.52	184	843445	42.709	ng	#	93
77) Pyrene	12.62	202	2013091	57.188	ng		100
79) Butylbenzylphthalate	13.24	149	899953	58.931	ng	#	78
80) Benzo(a)anthracene	13.81	228	1282633	49.027	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	323003	31.770	ng	#	97
82) Chrysene	13.84	228	1287170	48.674	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	1037460	54.131	ng	#	100
84) Di-n-octyl phthalate	14.41	149	1700943	51.727	ng		97
85) Indeno(1,2,3-cd)pyrene	16.57	276	1117769	60.246	ng		98
87) Benzo(b)fluoranthene	14.83	252	1207033	50.562	ng		99
88) Benzo(k)fluoranthene	14.85	252	978587	43.910	ng		97
89) Benzo(a)pyrene	15.16	252	1047781	49.266	ng		98
90) Dibenzo(a,h)anthracene	16.58	278	927844	59.973	ng		97
91) Benzo(g,h,i)perylene	16.97	276	965108	62.022	ng		99

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

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