Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098902.D
Acq On : 28 Sep 2017 12:19
Operator : SJ/JU
Sample : I5418-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MS

Manual Integrations APPROVED
Sohil
9/29/2017 6:03:51 PM

Quant Time: Sep 29 01:05:38 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	139081	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	597970	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	271513	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	478670	20.00	ng		0.00
75) Chrysene-d12	14.09	240	270515	20.00	ng		0.00
86) Perylene-d12	15.57	264	247854	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1060534	121.39	ng		0.00
7) Phenol-d6	6.55	99	1333485	123.72	ng		0.00
23) Nitrobenzene-d5	7.48	82	814951	87.40	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	271963	122.41	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1359686	83.60	ng		0.00
78) Terphenyl-d14	13.03	244	1136199	95.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	146196	35.030	ng		99
3) Pyridine	3.55	79	425535	37.691	ng		99
4) n-Nitrosodimethylamine	3.50	42	204311	42.676	ng	#	99
6) Aniline	6.58	93	495507	34.064	ng		100
8) 2-Chlorophenol	6.70	128	403246	40.756	ng		99
9) Benzaldehyde	6.47	77	92603	14.812	ng		96
10) Phenol	6.56	94	556528	46.171	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	392058	41.839	ng		100
12) 1,3-Dichlorobenzene	6.86	146	409216	39.493	ng		99
13) 1,4-Dichlorobenzene	6.93	146	414902	39.355	ng		99
14) 1,2-Dichlorobenzene	7.09	146	394540	40.502	ng		99
15) Benzyl Alcohol	7.06	79	350115	44.281	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	604615	41.413	ng		99
17) 2-Methylphenol	7.16	107	344814	42.593	ng		99
18) Hexachloroethane	7.43	117	150433	39.698	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	272768	39.640	ng		99
20) 3+4-Methylphenols	7.32	107	421685	41.174	ng	#	89
22) Acetophenone	7.33	105	544689	37.596	ng	#	96
24) Nitrobenzene	7.50	77	430143	40.667	ng		99
25) Isophorone	7.74	82	760389	39.443	ng		99
26) 2-Nitrophenol	7.82	139	223838	44.008	ng		93
27) 2,4-Dimethylphenol	7.85	122	377676	39.318	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	489962	40.783	ng		99
29) 2,4-Dichlorophenol	8.05	162	335119	40.635	ng		99
30) 1,2,4-Trichlorobenzene	8.14	180	328012	39.766	ng		98
31) Naphthalene	8.22	128	1124345	40.035	ng		100
32) Benzoic acid	7.90	122	20797	2.636	ng		94
33) 4-Chloroaniline	8.27	127	380850	32.473	ng		97
34) Hexachlorobutadiene	8.33	225	162324	38.207	ng		99
35) Caprolactam	8.64	113	126561m	47.841	ng		
36) 4-Chloro-3-methylphenol	8.75	107	372070	40.138	ng		98
37) 2-Methylnaphthalene	8.91	142	775586	42.481	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	296821	36.657	ng		99
40) Hexachlorocyclopentadiene	9.06	237	278040	75.137	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	225972	39.393	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	240205	41.947	ng		94
45) 1,1'-Biphenyl	9.37	154	879818	37.704	ng		99
46) 2-Chloronaphthalene	9.40	162	703565	40.157	ng		98
47) 2-Nitroaniline	9.50	65	238295	44.419	ng		98
48) Acenaphthylene	9.82	152	1062518	39.616	ng		99
49) Dimethylphthalate	9.67	163	965058	47.094	ng		99
50) 2,6-Dinitrotoluene	9.74	165	186251	41.748	ng		98
51) Acenaphthene	9.99	154	701344	41.281	ng		98
52) 3-Nitroaniline	9.91	138	195210	37.527	ng		93
53) 2,4-Dinitrophenol	10.02	184	106464	48.325	ng		93
54) Dibenzofuran	10.16	168	958804	42.386	ng		97
55) 4-Nitrophenol	10.07	139	350242	79.626	ng		94
56) 2,4-Dinitrotoluene	10.15	165	253711	43.819	ng		93
57) Fluorene	10.50	166	731544	40.235	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	174173	44.031	ng		96
59) Diethylphthalate	10.37	149	803720	40.138	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	326398	39.964	ng		99
61) 4-Nitroaniline	10.53	138	211139	42.071	ng		92
62) Azobenzene	10.66	77	800187	43.461	ng		97
64) 4,6-Dinitro-2-methylphenol	10.55	198	110445	37.923	ng		93
65) n-Nitrosodiphenylamine	10.62	169	671025	40.466	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	189620	40.470	ng		96
67) Hexachlorobenzene	11.05	284	191138	38.196	ng		97
68) Atrazine	11.14	200	204043	40.897	ng		99
69) Pentachlorophenol	11.24	266	211916	68.044	ng		99
70) Phenanthrene	11.47	178	1061958	41.447	ng		99
71) Anthracene	11.52	178	1086797	41.455	ng		100
72) Carbazole	11.67	167	1007259	39.235	ng		99
73) Di-n-butylphthalate	12.00	149	1245792	40.315	ng		100
74) Fluoranthene	12.66	202	1019247	39.285	ng		99
76) Benzidine	12.77	184	339453	33.927	ng		98
77) Pyrene	12.89	202	1025339	49.707	ng		100
79) Butylbenzylphthalate	13.50	149	491795	50.729	ng		95
80) Benzo(a)anthracene	14.07	228	677118	41.337	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	218086	36.318	ng		98
82) Chrysene	14.11	228	634989	40.718	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	652366	48.870	ng	#	100
84) Di-n-octyl phthalate	14.66	149	910116	42.342	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	679900	54.501	ng		96
87) Benzo(b)fluoranthene	15.14	252	596994	39.175	ng		99
88) Benzo(k)fluoranthene	15.17	252	551343	36.630	ng		98
89) Benzo(a)pyrene	15.52	252	575510	41.142	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	561031	50.115	ng		98
91) Benzo(g,h,i)perylene	17.56	276	577996	52.232	ng		95

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

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