Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098714.D
Acq On : 22 Sep 2017 23:38
Operator : SJ/JU
Sample : I5304-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
9/25/2017 6:21:17 PM

Quant Time: Sep 25 10:28:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	151710	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	626942	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	259474	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	376083	20.00	ng	0.00
75) Chrysene-d12	14.09	240	324013	20.00	ng	0.00
86) Perylene-d12	15.59	264	314621	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	433631	43.40	ng	0.00
7) Phenol-d6	6.54	99	524681	43.37	ng	0.00
23) Nitrobenzene-d5	7.49	82	299274	32.38	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	110911	46.74	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	500440	30.69	ng	0.00
78) Terphenyl-d14	13.03	244	622891	41.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.75	88	58206	12.334	ng	99
3) Pyridine	3.54	79	169031	13.478	ng	96
4) n-Nitrosodimethylamine	3.47	42	76225	13.871	ng	97
6) Aniline	6.59	93	197171	12.303	ng	99
8) 2-Chlorophenol	6.71	128	152316	14.035	ng	96
9) Benzaldehyde	6.48	77	46878	6.908	ng	94
10) Phenol	6.56	94	206426	15.459	ng	94
11) bis(2-Chloroethyl)ether	6.66	93	144380	14.035	ng	98
12) 1,3-Dichlorobenzene	6.87	146	161034	14.048	ng	99
13) 1,4-Dichlorobenzene	6.95	146	165206	14.239	ng	100
14) 1,2-Dichlorobenzene	7.10	146	155938	14.412	ng	98
15) Benzyl Alcohol	7.06	79	137332	15.731	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	222156	13.552	ng	100
17) 2-Methylphenol	7.17	107	123771	13.996	ng	98
18) Hexachloroethane	7.45	117	50498	12.643	ng	99
19) n-Nitroso-di-n-propylamine	7.33	70	104255	13.910	ng	98
20) 3+4-Methylphenols	7.32	107	165940	14.554	ng	93
22) Acetophenone	7.33	105	219657	14.163	ng	97
24) Nitrobenzene	7.50	77	156473	14.658	ng	98
25) Isophorone	7.74	82	278076	13.795	ng	97
26) 2-Nitrophenol	7.82	139	63926	17.653	ng	97
27) 2,4-Dimethylphenol	7.85	122	121273	12.250	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	172300	13.737	ng	99
29) 2,4-Dichlorophenol	8.06	162	118814	13.953	ng	100
30) 1,2,4-Trichlorobenzene	8.15	180	116038	13.510	ng	98
31) Naphthalene	8.23	128	418946	14.079	ng	99
32) Benzoic acid	7.89	122	5304m	2.909	ng	
33) 4-Chloroaniline	8.27	127	167545	13.543	ng	98
34) Hexachlorobutadiene	8.35	225	59970	12.960	ng	95
35) Caprolactam	8.62	113	52244	19.675	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	135991	13.991	ng	98
37) 2-Methylnaphthalene	8.92	142	266068	13.926	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	103395	13.473	ng	99
40) Hexachlorocyclopentadiene	9.07	237	17685	5.303	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	76561	14.804	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	84422	15.920	ng		94
45) 1,1'-Biphenyl	9.39	154	302281	13.560	ng		98
46) 2-Chloronaphthalene	9.41	162	236354	14.139	ng		98
47) 2-Nitroaniline	9.50	65	83985	17.894	ng		93
48) Acenaphthylene	9.83	152	361309	14.053	ng		99
49) Dimethylphthalate	9.68	163	382871	19.676	ng		99
50) 2,6-Dinitrotoluene	9.74	165	61987	16.144	ng		95
51) Acenaphthene	10.00	154	213405	13.372	ng		99
52) 3-Nitroaniline	9.91	138	81608	17.829	ng		98
53) 2,4-Dinitrophenol	10.01	184	1331	7.134	ng	#	1
54) Dibenzofuran	10.17	168	322109	14.781	ng		97
55) 4-Nitrophenol	10.06	139	132049	33.152	ng		92
56) 2,4-Dinitrotoluene	10.14	165	79652	15.442	ng		93
57) Fluorene	10.51	166	243752	13.917	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	60045	15.915	ng		98
59) Diethylphthalate	10.38	149	314702	16.504	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	109573	14.280	ng		99
61) 4-Nitroaniline	10.52	138	87343	19.896	ng		96
62) Azobenzene	10.66	77	260899	14.629	ng		99
64) 4,6-Dinitro-2-methylphenol	10.54	198	3736	10.570	ng		95
65) n-Nitrosodiphenylamine	10.62	169	232564	17.965	ng		96
66) 4-Bromophenyl-phenylether	10.99	248	63077	16.611	ng		97
67) Hexachlorobenzene	11.06	284	67047	15.495	ng		99
68) Atrazine	11.14	200	80701	20.725	ng		98
69) Pentachlorophenol	11.25	266	79305	32.066	ng		99
70) Phenanthrene	11.47	178	347292	17.023	ng		98
71) Anthracene	11.53	178	350411	16.845	ng		99
72) Carbazole	11.68	167	403346	19.843	ng		99
73) Di-n-butylphthalate	12.00	149	540044	22.874	ng		99
74) Fluoranthene	12.66	202	432963	21.295	ng		99
76) Benzidine	12.79	184	301961	22.950	ng		98
77) Pyrene	12.90	202	465498	19.351	ng		97
79) Butylbenzylphthalate	13.51	149	256873	25.812	ng		93
80) Benzo(a)anthracene	14.08	228	522292	26.761	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	192887	27.695	ng		99
82) Chrysene	14.12	228	499534	26.504	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	386913	28.107	ng	#	99
84) Di-n-octyl phthalate	14.68	149	724363	35.038	ng		99
85) Indeno(1,2,3-cd)pyrene	17.10	276	443418	30.328	ng		100
87) Benzo(b)fluoranthene	15.14	252	505134	27.684	ng		98
88) Benzo(k)fluoranthene	15.17	252	513002	28.135	ng		100
89) Benzo(a)pyrene	15.52	252	478211	28.859	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	380075	27.120	ng		98
91) Benzo(g,h,i)perylene	17.55	276	346700	24.610	ng		99

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

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