Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099854.D
Acq On : 26 Oct 2017 11:12
Operator : SJ/JU
Sample : I6023-02MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMPMSD

Manual Integrations APPROVED
Sohil
10/27/2017 8:59:28 AM

Quant Time: Oct 26 11:48:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	75227	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	312876	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	141052	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	249817	20.00	ng		0.00
75) Chrysene-d12	13.99	240	201718	20.00	ng		0.00
86) Perylene-d12	15.46	264	185791	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	567185	118.37	ng		0.00
7) Phenol-d6	6.44	99	679541	119.61	ng		0.00
23) Nitrobenzene-d5	7.37	82	378873	77.96	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	144670	112.55	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	735399	80.44	ng		0.00
78) Terphenyl-d14	12.92	244	655008	70.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	69053	32.634	ng	#	89
3) Pyridine	3.29	79	150921	29.660	ng		89
4) n-Nitrosodimethylamine	3.22	42	70722	38.904	ng		79
6) Aniline	6.46	93	238184	32.332	ng	#	92
8) 2-Chlorophenol	6.59	128	217373	42.565	ng		90
9) Benzaldehyde	6.35	77	115229	33.940	ng		91
10) Phenol	6.45	94	280862	45.024	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	193136	40.094	ng		93
12) 1,3-Dichlorobenzene	6.73	146	219161m	38.221	ng		
13) 1,4-Dichlorobenzene	6.81	146	227297	39.057	ng		98
14) 1,2-Dichlorobenzene	6.96	146	213143	40.186	ng		97
15) Benzyl Alcohol	6.95	79	152213	42.126	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	242546	45.327	ng		68
17) 2-Methylphenol	7.06	107	173413	40.595	ng		98
18) Hexachloroethane	7.30	117	70528	36.325	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	130994	39.343	ng		91
20) 3+4-Methylphenols	7.22	107	220392	44.309	ng	#	78
22) Acetophenone	7.21	105	275335	38.649	ng	#	96
24) Nitrobenzene	7.39	77	198982	40.636	ng		90
25) Isophorone	7.62	82	378213	42.889	ng		95
26) 2-Nitrophenol	7.70	139	117511	41.899	ng		89
27) 2,4-Dimethylphenol	7.74	122	187668	45.415	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	250276	40.524	ng		99
29) 2,4-Dichlorophenol	7.95	162	187553	43.691	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	180764	39.411	ng		98
31) Naphthalene	8.10	128	602251	39.877	ng		99
32) Benzoic acid	7.87	122	43261	11.894	ng		90
33) 4-Chloroaniline	8.16	127	201771	32.354	ng	#	93
34) Hexachlorobutadiene	8.21	225	88619	37.563	ng		98
35) Caprolactam	8.53	113	55218	40.903	ng	#	80
36) 4-Chloro-3-methylphenol	8.65	107	180649	41.230	ng		92
37) 2-Methylnaphthalene	8.79	142	414001	40.905	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	170179	37.356	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	17398	30.086	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	118428	42.977	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	123913	42.375	ng	#	92
45) 1,1'-Biphenyl	9.26	154	481495	37.734	ng		99
46) 2-Chloronaphthalene	9.29	162	375872	40.561	ng		96
47) 2-Nitroaniline	9.39	65	102342	42.078	ng		91
48) Acenaphthylene	9.70	152	551002	38.605	ng		100
49) Dimethylphthalate	9.56	163	466606	41.773	ng		99
50) 2,6-Dinitrotoluene	9.63	165	98739	42.048	ng		91
51) Acenaphthene	9.87	154	336305	38.562	ng		98
52) 3-Nitroaniline	9.81	138	97367	35.190	ng		90
53) 2,4-Dinitrophenol	9.94	184	18902	24.681	ng	#	87
54) Dibenzofuran	10.05	168	485451	39.434	ng		100
55) 4-Nitrophenol	9.99	139	118285	81.818	ng	#	79
56) 2,4-Dinitrotoluene	10.05	165	120722	42.689	ng	#	87
57) Fluorene	10.39	166	399331	39.178	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	90780	44.277	ng		92
59) Diethylphthalate	10.26	149	428115	39.247	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	186216	38.819	ng		90
61) 4-Nitroaniline	10.43	138	98065	37.149	ng		85
62) Azobenzene	10.54	77	368157	40.262	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	26723	17.017	ng	#	73
65) n-Nitrosodiphenylamine	10.50	169	360511	39.093	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	106290	40.415	ng		92
67) Hexachlorobenzene	10.94	284	106869	39.719	ng		97
68) Atrazine	11.03	200	111667	40.311	ng		99
69) Pentachlorophenol	11.15	266	81147	70.581	ng		99
70) Phenanthrene	11.36	178	557857	39.569	ng		99
71) Anthracene	11.41	178	575222	40.195	ng		99
72) Carbazole	11.57	167	551263	40.963	ng		98
73) Di-n-butylphthalate	11.89	149	669083	38.980	ng	#	98
74) Fluoranthene	12.55	202	581763	39.707	ng		97
76) Benzidine	12.67	184	301251	34.130	ng		98
77) Pyrene	12.78	202	589393	38.426	ng		98
79) Butylbenzylphthalate	13.39	149	281940	37.327	ng		94
80) Benzo(a)anthracene	13.97	228	498353	38.972	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	180309	38.844	ng		98
82) Chrysene	14.02	228	480132	39.938	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	396630	37.393	ng		98
84) Di-n-octyl phthalate	14.56	149	703084	38.620	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	381648	34.581	ng		96
87) Benzo(b)fluoranthene	15.03	252	506084	43.138	ng		97
88) Benzo(k)fluoranthene	15.06	252	426158	38.522	ng		99
89) Benzo(a)pyrene	15.40	252	435830	41.356	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	332644	35.523	ng		98
91) Benzo(g,h,i)perylene	17.39	276	305351	33.330	ng		98

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

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