Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031848.D
Acq On : 29 Dec 2017 6:03
Operator : SJ/JU
Sample : IDOC-02 AP
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-02 AP

Manual Integrations APPROVED
Sohil
12/29/2017 1:26:11 PM

Quant Time: Dec 29 07:31:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	53915	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	230615	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	152478	20.00	ng		-0.03
63) Phenanthrene-d10	18.16	188	366496	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	413269	20.00	ng		-0.05
86) Perylene-d12	26.27	264	454378	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	464318	156.86	ng		-0.02
7) Phenol-d6	7.91	99	601774	156.58	ng		-0.02
23) Nitrobenzene-d5	10.00	82	328520	107.57	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	369097	158.64	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	1145121	94.26	ng		-0.03
78) Terphenyl-d14	20.70	244	1808785	99.99	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	38326	34.928	ng	#	74
3) Pyridine	4.33	79	97183	33.134	ng	#	75
4) n-Nitrosodimethylamine	4.24	42	45674	38.590	ng	#	83
6) Aniline	8.10	93	89263	18.052	ng	#	87
8) 2-Chlorophenol	8.35	128	154659	45.042	ng	#	83
9) Benzaldehyde	7.90	77	44764m	19.344	ng		
10) Phenol	7.94	94	180363	46.484	ng		91
11) bis(2-Chloroethyl)ether	8.19	93	123940	38.462	ng	#	81
12) 1,3-Dichlorobenzene	8.69	146	171603	40.244	ng	#	92
13) 1,4-Dichlorobenzene	8.84	146	174988	40.174	ng		91
14) 1,2-Dichlorobenzene	9.18	146	167643	40.618	ng		93
15) Benzyl Alcohol	9.03	79	122719	42.536	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.33	45	126648	48.262	ng		77
17) 2-Methylphenol	9.23	107	126425	45.538	ng		94
18) Hexachloroethane	9.93	117	53826	40.801	ng	#	84
19) n-Nitroso-di-n-propylamine	9.62	70	97645	37.203	ng	#	80
20) 3+4-Methylphenols	9.57	107	177473	44.978	ng		94
22) Acetophenone	9.65	105	218154	40.716	ng	#	86
24) Nitrobenzene	10.04	77	138470	43.992	ng	#	81
25) Isophorone	10.57	82	269367	40.972	ng	#	83
26) 2-Nitrophenol	10.77	139	93213	56.482	ng	#	80
27) 2,4-Dimethylphenol	10.81	122	161211	46.422	ng		89
28) bis(2-Chloroethoxy)methane	11.05	93	176477	40.005	ng		96
29) 2,4-Dichlorophenol	11.31	162	186712	45.798	ng		92
30) 1,2,4-Trichlorobenzene	11.54	180	200490	40.276	ng		98
31) Naphthalene	11.74	128	474129	40.738	ng		99
32) Benzoic acid	10.87	122	45780m	23.330	ng		
33) 4-Chloroaniline	11.83	127	85799	16.558	ng	#	90
34) Hexachlorobutadiene	12.01	225	138532	40.537	ng		98
35) Caprolactam	12.58	113	55864	45.206	ng	#	42
36) 4-Chloro-3-methylphenol	12.90	107	165018	43.827	ng	#	83
37) 2-Methylnaphthalene	13.30	142	389308	41.262	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	264680	41.211	ng	#	97
40) Hexachlorocyclopentadiene	13.63	237	300597	88.721	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	167570	45.253	ng		99
43) 2,4,5-Trichlorophenol	13.95	196	182196	44.399	ng	#	90
45) 1,1'-Biphenyl	14.28	154	545403	41.880	ng		94
46) 2-Chloronaphthalene	14.33	162	413167	41.594	ng		96
47) 2-Nitroaniline	14.51	65	85744	49.979	ng	#	61
48) Acenaphthylene	15.16	152	619760	38.999	ng		99
49) Dimethylphthalate	14.86	163	594641	44.268	ng		99
50) 2,6-Dinitrotoluene	14.99	165	120568	48.791	ng	#	63
51) Acenaphthene	15.50	154	412388	39.623	ng		98
52) 3-Nitroaniline	15.32	138	66724	27.676	ng	#	71
53) 2,4-Dinitrophenol	15.52	184	43238	44.891	ng	#	60
54) Dibenzofuran	15.83	168	646029	40.492	ng		98
55) 4-Nitrophenol	15.60	139	169079	86.166	ng	#	71
56) 2,4-Dinitrotoluene	15.77	165	167302	52.652	ng	#	62
57) Fluorene	16.47	166	516093	39.820	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.04	232	184488	46.079	ng	#	84
59) Diethylphthalate	16.21	149	503539	38.460	ng		95
60) 4-Chlorophenyl-phenylether	16.45	204	309576	39.038	ng		92
61) 4-Nitroaniline	16.47	138	98902	42.038	ng		83
62) Azobenzene	16.74	77	333183	39.682	ng		82
64) 4,6-Dinitro-2-methylphenol	16.52	198	56337	34.436	ng	#	66
65) n-Nitrosodiphenylamine	16.66	169	477183	39.203	ng		97
66) 4-Bromophenyl-phenylether	17.34	248	222684	42.018	ng		94
67) Hexachlorobenzene	17.47	284	229798	42.416	ng	#	90
68) Atrazine	17.58	200	199760	42.206	ng		96
69) Pentachlorophenol	17.80	266	275943	74.050	ng		98
70) Phenanthrene	18.21	178	840270	40.513	ng		99
71) Anthracene	18.30	178	871533	41.656	ng		99
72) Carbazole	18.56	167	748984	40.446	ng		99
73) Di-n-butylphthalate	19.07	149	833181	40.486	ng		99
74) Fluoranthene	20.17	202	1050894	41.294	ng		96
76) Benzidine	20.33	184	241108	18.902	ng		99
77) Pyrene	20.53	202	1061688	40.218	ng		98
79) Butylbenzylphthalate	21.39	149	375965	42.425	ng	#	77
80) Benzo(a)anthracene	22.50	228	1084415	41.251	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	230219	22.587	ng	#	97
82) Chrysene	22.57	228	1018357	40.942	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	535547	41.713	ng	#	96
84) Di-n-octyl phthalate	23.74	149	932622	43.132	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1389940	43.558	ng	#	89
87) Benzo(b)fluoranthene	25.06	252	1181097	41.875	ng	#	96
88) Benzo(k)fluoranthene	25.14	252	1135017	40.211	ng	#	96
89) Benzo(a)pyrene	26.09	252	1140379	42.216	ng	#	98
90) Dibenzo(a,h)anthracene	30.71	278	1158531	41.527	ng	#	96
91) Benzo(g,h,i)perylene	30.63	276	1389940	42.198	ng	#	93

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

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