Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039267.D
Acq On : 23 Jan 2019 17:30
Operator : JU/SJ
Sample : IDOC-W-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04

Manual Integrations APPROVED
Sohil
1/24/2019 12:16:08 PM

Quant Time: Jan 24 00:24:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15823	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	75218	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	42684	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	112909	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117112	20.00	ng	-0.01
87) Perylene-d12	24.93	264	122067	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	123820	148.44	ng	0.00
7) Phenol-d6	7.17	99	171532	142.90	ng	0.00
23) Nitrobenzene-d5	9.18	82	102274	74.40	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	94005	131.38	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	248078	79.54	ng	0.00
79) Terphenyl-d14	20.00	244	553893	87.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	12443	38.094	ng	# 81
3) Pyridine	3.84	79	36435	41.051	ng	94
4) n-Nitrosodimethylamine	3.77	42	18191	45.547	ng	91
6) Aniline	7.33	93	44877	31.129	ng	97
8) 2-Chlorophenol	7.57	128	46309	47.098	ng	95
9) Benzaldehyde	7.15	77	11225	16.215	ng	97
10) Phenol	7.20	94	57655	47.906	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	37415	40.677	ng	98
12) 1,3-Dichlorobenzene	7.89	146	46265	39.273	ng	99
13) 1,4-Dichlorobenzene	8.04	146	48125	40.336	ng	98
14) 1,2-Dichlorobenzene	8.36	146	46656	41.014	ng	97
15) Benzyl Alcohol	8.25	79	39936	44.177	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	72916	41.341	ng	99
17) 2-Methylphenol	8.45	107	39446	47.203	ng	98
18) Hexachloroethane	9.08	117	16611	40.981	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	30857	39.145	ng	98
20) 3+4-Methylphenols	8.78	107	54134	45.435	ng	98
22) Acetophenone	8.84	105	65410	33.299	ng	100
24) Nitrobenzene	9.23	77	49090	35.331	ng	98
25) Isophorone	9.74	82	89627	37.852	ng	97
26) 2-Nitrophenol	9.94	139	26323	35.026	ng	97
27) 2,4-Dimethylphenol	9.99	122	46116	43.617	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	52135	36.635	ng	100
29) 2,4-Dichlorophenol	10.47	162	51619	39.298	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	52770	33.436	ng	95
31) Naphthalene	10.87	128	150260	39.830	ng	97
32) Benzoic acid	10.17	122	16356m	29.649	ng	
33) 4-Chloroaniline	10.99	127	32788	19.424	ng	96
34) Hexachlorobutadiene	11.13	225	36729	33.822	ng	95
35) Caprolactam	11.78	113	16849m	31.989	ng	
36) 4-Chloro-3-methylphenol	12.11	107	52090	37.078	ng	88
37) 2-Methylnaphthalene	12.48	142	99160	35.059	ng	97
38) 1-Methylnaphthalene	12.70	142	92443	34.051	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	63481	39.601	ng	99

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Quant Time: Jan 24 00:24:51 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	70832	78.566	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	41970	41.599	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	46065	43.200	ng		99
46) 1,1'-Biphenyl	13.48	154	131060	38.750	ng		98
47) 2-Chloronaphthalene	13.53	162	107490	39.273	ng		99
48) 2-Nitroaniline	13.75	65	33235	43.344	ng		99
49) Acenaphthylene	14.38	152	175711	42.712	ng		99
50) Dimethylphthalate	14.10	163	145056	40.215	ng		99
51) 2,6-Dinitrotoluene	14.24	165	33088	41.030	ng		98
52) Acenaphthene	14.71	154	100728	40.753	ng		98
53) 3-Nitroaniline	14.57	138	22470	27.467	ng		97
54) 2,4-Dinitrophenol	14.78	184	33035	69.290	ng		92
55) Dibenzofuran	15.05	168	177511	40.664	ng		99
56) 4-Nitrophenol	14.88	139	48962	83.180	ng		97
57) 2,4-Dinitrotoluene	15.02	165	48372	41.809	ng		97
58) Fluorene	15.70	166	143165	43.570	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	42903	42.622	ng		99
60) Diethylphthalate	15.45	149	150511	40.500	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	81851	39.540	ng		98
62) 4-Nitroaniline	15.74	138	33863	39.735	ng		96
63) Azobenzene	15.97	77	117860	40.554	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	30369	36.305	ng		95
66) n-Nitrosodiphenylamine	15.90	169	132774	39.667	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	55621	38.322	ng		97
68) Hexachlorobenzene	16.69	284	60799	38.389	ng		98
69) Atrazine	16.84	200	54818	38.552	ng		95
70) Pentachlorophenol	17.05	266	53422	56.437	ng		97
71) Phenanthrene	17.44	178	254377	42.623	ng		98
72) Anthracene	17.53	178	258546	43.816	ng		100
73) Carbazole	17.81	167	224127	38.476	ng		99
74) Di-n-butylphthalate	18.34	149	269382	41.569	ng		98
75) Fluoranthene	19.45	202	336161	45.437	ng		100
77) Benzidine	19.63	184	114715	32.025	ng		99
78) Pyrene	19.81	202	322228	43.174	ng		99
80) Butylbenzylphthalate	20.68	149	120282	42.374	ng		99
81) Benzo(a)anthracene	21.65	228	309771	43.451	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	75958	26.150	ng		96
83) Chrysene	21.71	228	285302	42.077	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	163266	41.423	ng		94
85) Di-n-octyl phthalate	22.73	149	278333	41.763	ng		99
86) Indeno(1,2,3-cd)pyrene	28.67	276	382016	47.151	ng	#	96
88) Benzo(b)fluoranthene	23.88	252	324562	48.221	ng		99
89) Benzo(k)fluoranthene	23.95	252	313786	47.151	ng		98
90) Benzo(a)pyrene	24.78	252	297583	45.741	ng		99
91) Dibenzo(a,h)anthracene	28.72	278	311886	48.197	ng		98
92) Benzo(g,h,i)perylene	29.84	276	294060	45.901	ng		98

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

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