Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039265.D
Acq On : 23 Jan 2019 16:11
Operator : JU/SJ
Sample : IDOC-W-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02

Manual Integrations APPROVED
Sohil
1/24/2019 12:16:03 PM

Quant Time: Jan 24 00:21:26 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	8.00	152	16239	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	71341	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	48190	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	126183	20.00	ng		0.00
76) Chrysene-d12	21.67	240	130193	20.00	ng		-0.01
87) Perylene-d12	24.93	264	138349	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	135594	158.40	ng		0.00
7) Phenol-d6	7.17	99	184707	149.93	ng		0.00
23) Nitrobenzene-d5	9.19	82	94612	72.57	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	104307	129.13	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	274813	78.05	ng		0.00
79) Terphenyl-d14	20.00	244	568886	80.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	16700	49.817	ng		91
3) Pyridine	3.84	79	27693	30.402	ng		97
4) n-Nitrosodimethylamine	3.77	42	19359	47.229	ng		90
6) Aniline	7.34	93	50390	34.058	ng		98
8) 2-Chlorophenol	7.57	128	46960	46.537	ng		97
9) Benzaldehyde	7.15	77	12503	17.598	ng		96
10) Phenol	7.20	94	60826	49.246	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	38370	40.646	ng		99
12) 1,3-Dichlorobenzene	7.89	146	45451	37.593	ng		95
13) 1,4-Dichlorobenzene	8.04	146	46993	38.378	ng		98
14) 1,2-Dichlorobenzene	8.36	146	47564	40.741	ng		99
15) Benzyl Alcohol	8.25	79	40751	43.924	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74334	41.065	ng		98
17) 2-Methylphenol	8.45	107	39931	46.559	ng		96
18) Hexachloroethane	9.08	117	16043	38.566	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	30833	38.113	ng	#	96
20) 3+4-Methylphenols	8.78	107	54436	44.518	ng		95
22) Acetophenone	8.84	105	64152	34.433	ng	#	99
24) Nitrobenzene	9.23	77	48321	36.668	ng		99
25) Isophorone	9.74	82	95730	42.626	ng		99
26) 2-Nitrophenol	9.94	139	36097	50.642	ng		97
27) 2,4-Dimethylphenol	9.99	122	60551	60.381	ng		94
28) bis(2-Chloroethoxy)methane	10.22	93	61377	45.474	ng		97
29) 2,4-Dichlorophenol	10.47	162	58952	47.320	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	58290	38.941	ng		99
31) Naphthalene	10.88	128	149185	41.694	ng		98
32) Benzoic acid	10.17	122	21127m	36.960	ng		
33) 4-Chloroaniline	10.99	127	38570	24.091	ng		96
34) Hexachlorobutadiene	11.13	225	39391	38.244	ng		97
35) Caprolactam	11.78	113	19528m	39.090	ng		
36) 4-Chloro-3-methylphenol	12.11	107	56881	42.688	ng		92
37) 2-Methylnaphthalene	12.47	142	115709	43.133	ng		100
38) 1-Methylnaphthalene	12.69	142	106695	41.437	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	71969	39.766	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	76735	75.621	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	47641	41.825	ng		96
44) 2,4,5-Trichlorophenol	13.16	196	53426	44.378	ng		98
46) 1,1'-Biphenyl	13.48	154	146892	38.469	ng		99
47) 2-Chloronaphthalene	13.53	162	119775	38.762	ng		100
48) 2-Nitroaniline	13.74	65	37104	42.861	ng		97
49) Acenaphthylene	14.38	152	196455	42.299	ng		99
50) Dimethylphthalate	14.10	163	164132	40.305	ng		98
51) 2,6-Dinitrotoluene	14.24	165	36313	39.884	ng		98
52) Acenaphthene	14.71	154	111904	40.102	ng		95
53) 3-Nitroaniline	14.57	138	27107	29.349	ng		100
54) 2,4-Dinitrophenol	14.78	184	39087	72.359	ng		93
55) Dibenzofuran	15.05	168	200097	40.601	ng		100
56) 4-Nitrophenol	14.88	139	54272	81.667	ng		98
57) 2,4-Dinitrotoluene	15.02	165	53304	40.808	ng		95
58) Fluorene	15.70	166	158089	42.615	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50702	44.615	ng	#	98
60) Diethylphthalate	15.45	149	167250	39.862	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	91368	39.094	ng		98
62) 4-Nitroaniline	15.74	138	37878	39.368	ng		91
63) Azobenzene	15.98	77	131143	39.969	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	33255	35.573	ng		97
66) n-Nitrosodiphenylamine	15.91	169	145309	38.846	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	61792	38.096	ng		98
68) Hexachlorobenzene	16.69	284	67103	37.913	ng		98
69) Atrazine	16.85	200	60121	37.833	ng		95
70) Pentachlorophenol	17.05	266	63011	59.243	ng		96
71) Phenanthrene	17.44	178	278555	41.765	ng		98
72) Anthracene	17.53	178	280561	42.545	ng		99
73) Carbazole	17.81	167	245492	37.710	ng		98
74) Di-n-butylphthalate	18.34	149	288257	39.803	ng		98
75) Fluoranthene	19.45	202	347336	42.008	ng		99
77) Benzidine	19.64	184	119412	29.987	ng		98
78) Pyrene	19.81	202	346740	41.791	ng		99
80) Butylbenzylphthalate	20.68	149	129917	41.169	ng		97
81) Benzo(a)anthracene	21.65	228	344526	43.471	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	90968	28.170	ng		99
83) Chrysene	21.72	228	316486	41.986	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	182195	41.581	ng		97
85) Di-n-octyl phthalate	22.73	149	364256	49.164	ng		98
86) Indeno(1,2,3-cd)pyrene	28.67	276	408247	45.326	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	362152	47.473	ng		100
89) Benzo(k)fluoranthene	23.95	252	350747	46.503	ng		98
90) Benzo(a)pyrene	24.78	252	352709	47.834	ng		99
91) Dibenzo(a,h)anthracene	28.73	278	339427	46.279	ng		98
92) Benzo(g,h,i)perylene	29.84	276	332562	45.802	ng		95

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

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