Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038083.D
Acq On : 20 Nov 2018 13:30
Operator : JU/SJ
Sample : PB114959BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114959BS

Quant Time: Nov 20 14:05:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40423	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	174601	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	109559	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	253028	20.00	ng		0.00
76) Chrysene-d12	21.75	240	240944	20.00	ng		0.00
87) Perylene-d12	25.07	264	247673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	306210	130.79	ng		0.00
7) Phenol-d6	7.24	99	422614	126.46	ng		0.00
23) Nitrobenzene-d5	9.26	82	195140	59.83	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	143776	115.07	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	451759	60.07	ng		0.00
79) Terphenyl-d14	20.07	244	740082	72.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	34937	31.593	ng		96
3) Pyridine	3.92	79	100715	31.927	ng		99
4) n-Nitrosodimethylamine	3.84	42	47880	41.836	ng		98
6) Aniline	7.41	93	128558	29.805	ng		98
8) 2-Chlorophenol	7.65	128	112416	41.381	ng		99
9) Benzaldehyde	7.22	77	61802	25.571	ng		97
10) Phenol	7.26	94	150477	42.509	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	106842	36.970	ng		93
12) 1,3-Dichlorobenzene	7.97	146	113816	36.368	ng		98
13) 1,4-Dichlorobenzene	8.12	146	114775	36.305	ng		99
14) 1,2-Dichlorobenzene	8.44	146	112935	37.417	ng		96
15) Benzyl Alcohol	8.32	79	97350	40.257	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	201860	37.616	ng		96
17) 2-Methylphenol	8.52	107	98760	41.266	ng		97
18) Hexachloroethane	9.17	117	41792	36.323	ng		93
19) n-Nitroso-di-n-propylamine	8.89	70	85732	35.453	ng		98
20) 3+4-Methylphenols	8.85	107	134157	39.543	ng		97
22) Acetophenone	8.92	105	164604	37.891	ng	#	99
24) Nitrobenzene	9.30	77	127720	38.278	ng		97
25) Isophorone	9.82	82	237373	40.433	ng		99
26) 2-Nitrophenol	10.02	139	62020	37.233	ng		93
27) 2,4-Dimethylphenol	10.06	122	113834	45.357	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	145851	38.852	ng		97
29) 2,4-Dichlorophenol	10.54	162	114975	40.729	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	116533	36.838	ng		99
31) Naphthalene	10.96	128	346729	40.375	ng		99
32) Benzoic acid	10.19	122	56016	38.090	ng		97
33) 4-Chloroaniline	11.07	127	102729	25.716	ng		97
34) Hexachlorobutadiene	11.22	225	68900	35.390	ng		96
35) Caprolactam	11.85	113	40739	36.054	ng	#	91
36) 4-Chloro-3-methylphenol	12.17	107	124772	40.457	ng		97
37) 2-Methylnaphthalene	12.55	142	256852	41.638	ng		96
38) 1-Methylnaphthalene	12.77	142	242609	40.859	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	134048	36.615	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	162571	82.929	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	95353	38.222	ng		97
44) 2,4,5-Trichlorophenol	13.22	196	100098	38.134	ng		99
46) 1,1'-Biphenyl	13.56	154	326217	35.442	ng		100
47) 2-Chloronaphthalene	13.61	162	259838	36.995	ng		98
48) 2-Nitroaniline	13.81	65	86747	39.243	ng		93
49) Acenaphthylene	14.45	152	431269	40.832	ng		99
50) Dimethylphthalate	14.17	163	327847	37.746	ng		100
51) 2,6-Dinitrotoluene	14.30	165	75467	38.390	ng		97
52) Acenaphthene	14.79	154	248581	39.094	ng		99
53) 3-Nitroaniline	14.63	138	66727	30.762	ng	#	93
54) 2,4-Dinitrophenol	14.84	184	71072	68.500	ng		95
55) Dibenzofuran	15.12	168	399444	37.991	ng		99
56) 4-Nitrophenol	14.93	139	123459	73.796	ng		94
57) 2,4-Dinitrotoluene	15.09	165	107244	40.097	ng	#	96
58) Fluorene	15.77	166	316877	40.394	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	89737	40.856	ng		99
60) Diethylphthalate	15.53	149	340754	36.937	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	165590	36.074	ng		99
62) 4-Nitroaniline	15.80	138	85212	39.544	ng		99
63) Azobenzene	16.05	77	315601	38.262	ng		100
65) 4,6-Dinitro-2-methylphenol	15.84	198	55941	34.954	ng		98
66) n-Nitrosodiphenylamine	15.97	169	286536	37.432	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	103058	37.109	ng		97
68) Hexachlorobenzene	16.76	284	107543	37.516	ng		98
69) Atrazine	16.91	200	107769	38.191	ng		98
70) Pentachlorophenol	17.11	266	116421	59.798	ng		89
71) Phenanthrene	17.51	178	534958	41.295	ng		99
72) Anthracene	17.61	178	542271	42.465	ng		100
73) Carbazole	17.88	167	493161	38.492	ng		99
74) Di-n-butylphthalate	18.41	149	583779	40.591	ng		99
75) Fluoranthene	19.52	202	629719	42.605	ng		100
77) Benzidine	19.70	184	298101	35.259	ng		99
78) Pyrene	19.88	202	636421	40.400	ng		98
80) Butylbenzylphthalate	20.75	149	271268	39.377	ng		99
81) Benzo(a)anthracene	21.73	228	600930	41.271	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	169081	29.811	ng		98
83) Chrysene	21.80	228	556604	39.954	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	376420	38.314	ng		98
85) Di-n-octyl phthalate	22.84	149	650228	40.910	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	639356	41.322	ng		99
88) Benzo(b)fluoranthene	24.01	252	582506	42.738	ng		99
89) Benzo(k)fluoranthene	24.09	252	575282	42.775	ng		99
90) Benzo(a)pyrene	24.92	252	571793	43.898	ng		100
91) Dibenzo(a,h)anthracene	28.95	278	525030	41.892	ng		98
92) Benzo(g,h,i)perylene	30.09	276	514577	41.293	ng		98

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

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