Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
Data File : BG038119.D
Acq On : 21 Nov 2018 16:16
Operator : JU/SJ
Sample : PB114976BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114976BS

Manual Integrations APPROVED
mohammad
11/23/2018 11:50:14 AM

Quant Time: Nov 21 16:58:58 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	43538	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	186481	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	116083	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	274426	20.00	ng		0.00
76) Chrysene-d12	21.75	240	251326	20.00	ng		0.00
87) Perylene-d12	25.08	264	262237	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	279872	110.99	ng		0.00
7) Phenol-d6	7.24	99	390683	108.54	ng		0.00
23) Nitrobenzene-d5	9.26	82	239354	68.71	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	134326	101.46	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	538696	67.61	ng		0.00
79) Terphenyl-d14	20.07	244	811015	75.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	29492	24.761	ng		94
3) Pyridine	3.92	79	84577	24.893	ng		98
4) n-Nitrosodimethylamine	3.84	42	46277	37.543	ng		96
6) Aniline	7.41	93	72039	15.507	ng		99
8) 2-Chlorophenol	7.65	128	105837	36.172	ng		99
9) Benzaldehyde	7.22	77	63832	24.522	ng		98
10) Phenol	7.26	94	139773	36.660	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	99834	32.074	ng		98
12) 1,3-Dichlorobenzene	7.97	146	104334	30.953	ng		97
13) 1,4-Dichlorobenzene	8.12	146	105507	30.986	ng		98
14) 1,2-Dichlorobenzene	8.44	146	102387	31.495	ng		99
15) Benzyl Alcohol	8.32	79	93508	35.901	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.60	45	198392	34.325	ng		99
17) 2-Methylphenol	8.52	107	94909	36.820	ng		97
18) Hexachloroethane	9.17	117	38804	31.313	ng		94
19) n-Nitroso-di-n-propylamine	8.89	70	83259	31.967	ng		98
20) 3+4-Methylphenols	8.85	107	131088	35.874	ng		95
22) Acetophenone	8.92	105	153657	33.117	ng	#	98
24) Nitrobenzene	9.30	77	125333	35.170	ng		98
25) Isophorone	9.82	82	231142	36.863	ng		97
26) 2-Nitrophenol	10.01	139	59379	33.377	ng		99
27) 2,4-Dimethylphenol	10.06	122	107451	40.087	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	142895	35.639	ng		98
29) 2,4-Dichlorophenol	10.54	162	110433	36.628	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	108982	32.257	ng		98
31) Naphthalene	10.96	128	324518	35.381	ng		99
32) Benzoic acid	10.18	122	41110	30.032	ng		91
33) 4-Chloroaniline	11.07	127	59373	13.916	ng		96
34) Hexachlorobutadiene	11.22	225	64500	31.019	ng		97
35) Caprolactam	11.85	113	40206	33.316	ng		98
36) 4-Chloro-3-methylphenol	12.17	107	118917	36.102	ng		99
37) 2-Methylnaphthalene	12.55	142	243307	36.930	ng		99
38) 1-Methylnaphthalene	12.77	142	231067	36.436	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	124837	32.183	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	147055	70.798	ng		100
43) 2,4,6-Trichlorophenol	13.15	196	90497	34.237	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	97249	34.966	ng		95
46) 1,1'-Biphenyl	13.56	154	312568	32.051	ng		100
47) 2-Chloronaphthalene	13.60	162	247089	33.203	ng		98
48) 2-Nitroaniline	13.82	65	87724	37.455	ng		96
49) Acenaphthylene	14.44	152	408876	36.537	ng		100
50) Dimethylphthalate	14.17	163	323194	35.119	ng		99
51) 2,6-Dinitrotoluene	14.30	165	73905	35.483	ng		93
52) Acenaphthene	14.79	154	234061	34.742	ng		99
53) 3-Nitroaniline	14.63	138	47781	20.790	ng	#	98
54) 2,4-Dinitrophenol	14.84	184	36616	38.077	ng	#	81
55) Dibenzofuran	15.12	168	381874	34.279	ng		99
56) 4-Nitrophenol	14.93	139	116858	65.925	ng		90
57) 2,4-Dinitrotoluene	15.09	165	105693	37.296	ng		99
58) Fluorene	15.77	166	308530	37.119	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	84312	36.228	ng		97
60) Diethylphthalate	15.52	149	333363	34.105	ng		98
61) 4-Chlorophenyl-phenylether	15.76	204	161873	33.283	ng		98
62) 4-Nitroaniline	15.80	138	81055	35.501	ng		94
63) Azobenzene	16.05	77	312506	35.757	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	43292	24.941	ng		95
66) n-Nitrosodiphenylamine	15.97	169	281457	33.902	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	100021	33.207	ng		97
68) Hexachlorobenzene	16.76	284	103035	33.140	ng		98
69) Atrazine	16.91	200	105576	34.497	ng		100
70) Pentachlorophenol	17.11	266	107414m	50.870	ng		
71) Phenanthrene	17.51	178	516627	36.770	ng		98
72) Anthracene	17.61	178	516706	37.308	ng		99
73) Carbazole	17.88	167	476058	34.260	ng		98
74) Di-n-butylphthalate	18.40	149	575962	36.925	ng		99
75) Fluoranthene	19.52	202	610075	38.058	ng		99
77) Benzidine	19.70	184	112662	12.775	ng		99
78) Pyrene	19.88	202	610626	37.161	ng		98
80) Butylbenzylphthalate	20.75	149	264712	36.838	ng		97
81) Benzo(a)anthracene	21.73	228	573256	37.744	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	116192	19.640	ng		99
83) Chrysene	21.80	228	534094	36.754	ng		97
84) Bis(2-ethylhexyl)phthalate	21.60	149	374093	36.505	ng		100
85) Di-n-octyl phthalate	22.84	149	632853	38.172	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	596193	36.941	ng		99
88) Benzo(b)fluoranthene	24.01	252	561207	38.889	ng		99
89) Benzo(k)fluoranthene	24.08	252	539432	37.882	ng		99
90) Benzo(a)pyrene	24.91	252	546649	39.637	ng		100
91) Dibenzo(a,h)anthracene	28.95	278	487472	36.735	ng		98
92) Benzo(g,h,i)perylene	30.09	276	477772	36.210	ng		99

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

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