Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
Data File : BG038891.D
Acq On : 29 Dec 2018 2:21
Operator : JU/SJ
Sample : PB116049BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Manual Integrations APPROVED
Sohil
1/2/2019 3:30:34 PM

Quant Time: Dec 30 22:34:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	20491	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	86579	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	64022	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	170969	20.00	ng		0.00
76) Chrysene-d12	21.72	240	171803	20.00	ng		0.00
87) Perylene-d12	25.02	264	180930	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	174950	151.43	ng		0.00
7) Phenol-d6	7.22	99	246083	155.16	ng		0.01
23) Nitrobenzene-d5	9.23	82	113531	66.99	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	137567	155.91	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	321365	68.86	ng		0.00
79) Terphenyl-d14	20.04	244	660631	83.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	24909	46.326	ng		97
3) Pyridine	3.89	79	45163	30.508	ng		99
4) n-Nitrosodimethylamine	3.82	42	27883	38.440	ng		95
6) Aniline	7.38	93	51430	25.402	ng		96
8) 2-Chlorophenol	7.62	128	63248	47.308	ng		97
9) Benzaldehyde	7.20	77	17087	16.608	ng		90
10) Phenol	7.25	94	80954	48.045	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	48179	35.914	ng		93
12) 1,3-Dichlorobenzene	7.94	146	61364	38.819	ng		94
13) 1,4-Dichlorobenzene	8.09	146	63680	39.333	ng		100
14) 1,2-Dichlorobenzene	8.41	146	60938	39.926	ng		99
15) Benzyl Alcohol	8.30	79	55046	44.466	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	100139	32.586	ng		96
17) 2-Methylphenol	8.50	107	55255	48.946	ng		97
18) Hexachloroethane	9.13	117	22452	37.952	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	41301	37.077	ng		96
20) 3+4-Methylphenols	8.83	107	78632	50.435	ng		98
22) Acetophenone	8.89	105	86000	39.768	ng		94
24) Nitrobenzene	9.28	77	66824	38.977	ng		98
25) Isophorone	9.79	82	120836	39.684	ng		96
26) 2-Nitrophenol	9.99	139	39503	45.018	ng	#	90
27) 2,4-Dimethylphenol	10.03	122	64089	50.962	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	71118	41.387	ng		98
29) 2,4-Dichlorophenol	10.52	162	77849	55.645	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	70457	41.693	ng		97
31) Naphthalene	10.93	128	187565	43.969	ng		97
32) Benzoic acid	10.16	122	27226m	37.031	ng		
33) 4-Chloroaniline	11.04	127	54705	29.538	ng		96
34) Hexachlorobutadiene	11.18	225	46853	40.974	ng	#	90
35) Caprolactam	11.84	113	24050	41.538	ng		92
36) 4-Chloro-3-methylphenol	12.16	107	80531	50.441	ng		94
37) 2-Methylnaphthalene	12.52	142	148508	48.798	ng		98
38) 1-Methylnaphthalene	12.74	142	143783	48.688	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	92237	38.543	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	75383	57.336	ng		94
43) 2,4,6-Trichlorophenol	13.14	196	73360	49.856	ng		95
44) 2,4,5-Trichlorophenol	13.21	196	77690	49.868	ng		95
46) 1,1'-Biphenyl	13.53	154	205103	38.215	ng		96
47) 2-Chloronaphthalene	13.58	162	166228	40.095	ng		96
48) 2-Nitroaniline	13.79	65	53932	40.841	ng		88
49) Acenaphthylene	14.42	152	274122	44.229	ng		98
50) Dimethylphthalate	14.15	163	224014	42.847	ng		99
51) 2,6-Dinitrotoluene	14.28	165	52532	44.338	ng		90
52) Acenaphthene	14.76	154	156601	42.255	ng		99
53) 3-Nitroaniline	14.62	138	43566	36.071	ng		93
54) 2,4-Dinitrophenol	14.83	184	3799	10.221	ng		93
55) Dibenzofuran	15.09	168	275806	43.415	ng		97
56) 4-Nitrophenol	14.93	139	72574	79.208	ng		94
57) 2,4-Dinitrotoluene	15.06	165	74265	44.503	ng		90
58) Fluorene	15.74	166	220532	46.855	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70419	50.240	ng		96
60) Diethylphthalate	15.50	149	238311	41.521	ng		97
61) 4-Chlorophenyl-phenylether	15.73	204	128048	43.604	ng		95
62) 4-Nitroaniline	15.78	138	54270	43.646	ng		97
63) Azobenzene	16.02	77	191013	39.838	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	9178	7.525	ng		90
66) n-Nitrosodiphenylamine	15.94	169	210889	41.981	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	88389	42.331	ng		97
68) Hexachlorobenzene	16.74	284	90112	41.632	ng		97
69) Atrazine	16.89	200	86160	46.217	ng		94
70) Pentachlorophenol	17.09	266	37405	29.217	ng		97
71) Phenanthrene	17.48	178	390496	44.045	ng		99
72) Anthracene	17.58	178	396577	45.310	ng		99
73) Carbazole	17.85	167	343782	39.716	ng		99
74) Di-n-butylphthalate	18.38	149	401562	40.430	ng		99
75) Fluoranthene	19.49	202	474939	43.296	ng		97
77) Benzidine	19.67	184	167377	32.942	ng		98
78) Pyrene	19.86	202	482893	42.546	ng		99
80) Butylbenzylphthalate	20.72	149	181493	40.930	ng		97
81) Benzo(a)anthracene	21.70	228	470577	44.950	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	138518	33.362	ng		97
83) Chrysene	21.77	228	432803	42.922	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	255859	40.684	ng		97
85) Di-n-octyl phthalate	22.79	149	436637	41.457	ng		96
86) Indeno(1,2,3-cd)pyrene	28.82	276	551888	46.554	ng	#	84
88) Benzo(b)fluoranthene	23.96	252	475273	47.844	ng		99
89) Benzo(k)fluoranthene	24.03	252	461745	46.679	ng		97
90) Benzo(a)pyrene	24.86	252	459473	47.944	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	454315	47.612	ng		98
92) Benzo(g,h,i)perylene	30.00	276	448968	47.744	ng		97

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

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