Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038695.D
Acq On : 18 Dec 2018 15:22
Operator : JU/SJ
Sample : J6398-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MSD

Manual Integrations APPROVED
Sohil
12/19/2018 4:12:22 PM

Quant Time: Dec 19 07:15:17 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	27433	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	114839	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	78047	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	193898	20.00	ng	0.00
76) Chrysene-d12	21.73	240	191013	20.00	ng	0.00
87) Perylene-d12	25.02	264	211514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	110285	71.30	ng	0.00
7) Phenol-d6	7.21	99	96297	45.35	ng	0.00
23) Nitrobenzene-d5	9.24	82	214388	95.37	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	166951	155.21	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	522210	91.79	ng	0.00
79) Terphenyl-d14	20.05	244	927426	105.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	11281	15.671	ng	# 92
3) Pyridine	3.90	79	27298	13.774	ng	# 87
4) n-Nitrosodimethylamine	3.82	42	20920	21.543	ng	83
6) Aniline	7.39	93	62590	23.091	ng	97
8) 2-Chlorophenol	7.62	128	73520	41.075	ng	97
9) Benzaldehyde	7.20	77	31260	22.695	ng	97
10) Phenol	7.24	94	38343	16.997	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	76996	42.871	ng	95
12) 1,3-Dichlorobenzene	7.94	146	87428	41.311	ng	99
13) 1,4-Dichlorobenzene	8.10	146	88653	40.902	ng	98
14) 1,2-Dichlorobenzene	8.41	146	86589	42.376	ng	99
15) Benzyl Alcohol	8.30	79	50789	30.645	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	171255	41.626	ng	98
17) 2-Methylphenol	8.50	107	51121	33.825	ng	95
18) Hexachloroethane	9.14	117	31604	39.903	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	67486	45.253	ng	97
20) 3+4-Methylphenols	8.82	107	64273	30.793	ng	95
22) Acetophenone	8.89	105	136126	47.456	ng	97
24) Nitrobenzene	9.28	77	104871	46.116	ng	95
25) Isophorone	9.79	82	193647	47.946	ng	98
26) 2-Nitrophenol	9.99	139	51894	44.586	ng	96
27) 2,4-Dimethylphenol	10.03	122	79100	47.420	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	108951	47.801	ng	98
29) 2,4-Dichlorophenol	10.52	162	93070	50.154	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	101091	45.100	ng	98
31) Naphthalene	10.93	128	281283	49.712	ng	98
32) Benzoic acid	10.18	122	8134m	16.216	ng	
33) 4-Chloroaniline	11.05	127	54590	22.222	ng	96
34) Hexachlorobutadiene	11.19	225	65002	42.857	ng	93
35) Caprolactam	11.84	113	4978	6.482	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	93174	43.999	ng	96
37) 2-Methylnaphthalene	12.53	142	220921	54.729	ng	97
38) 1-Methylnaphthalene	12.74	142	210369	53.706	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	131644	45.124	ng	100

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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)
41) Hexachlorocyclopentadiene	12.86	237	147937	92.300	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	89152	49.701	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	93627	49.298	ng		100
46) 1,1'-Biphenyl	13.53	154	289285	44.214	ng		97
47) 2-Chloronaphthalene	13.58	162	234279	46.355	ng		97
48) 2-Nitroaniline	13.79	65	78889	49.005	ng		96
49) Acenaphthylene	14.42	152	385941	51.081	ng		98
50) Dimethylphthalate	14.15	163	314574	49.356	ng		100
51) 2,6-Dinitrotoluene	14.28	165	71181	49.282	ng		97
52) Acenaphthene	14.76	154	223915	49.561	ng		98
53) 3-Nitroaniline	14.62	138	39788	27.023	ng		93
54) 2,4-Dinitrophenol	14.82	184	74454	86.205	ng		94
55) Dibenzofuran	15.09	168	377035	48.684	ng		98
56) 4-Nitrophenol	14.92	139	37127	33.239	ng		97
57) 2,4-Dinitrotoluene	15.06	165	101468	49.878	ng		97
58) Fluorene	15.75	166	307689	53.626	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	89979	52.659	ng		98
60) Diethylphthalate	15.50	149	318576	45.532	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	174116	48.636	ng		98
62) 4-Nitroaniline	15.78	138	71167	46.950	ng		96
63) Azobenzene	16.02	77	276350	47.279	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	60729	43.906	ng		98
66) n-Nitrosodiphenylamine	15.95	169	271512	47.658	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	115109	48.609	ng		98
68) Hexachlorobenzene	16.74	284	117242	47.761	ng		98
69) Atrazine	16.89	200	111779	52.869	ng		96
70) Pentachlorophenol	17.09	266	120732	83.151	ng		97
71) Phenanthrene	17.49	178	517329	51.451	ng		99
72) Anthracene	17.58	178	532143	53.609	ng		100
73) Carbazole	17.85	167	457890	46.643	ng		99
74) Di-n-butylphthalate	18.38	149	541152	48.041	ng		99
75) Fluoranthene	19.49	202	631866	50.790	ng		98
77) Benzidine	19.68	184	214790	38.022	ng		99
78) Pyrene	19.86	202	625541	49.572	ng		99
80) Butylbenzylphthalate	20.72	149	247605	50.224	ng		98
81) Benzo(a)anthracene	21.70	228	616982	53.008	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	155035	33.585	ng		97
83) Chrysene	21.77	228	573003	51.111	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	338315	48.385	ng		99
85) Di-n-octyl phthalate	22.80	149	577966	49.356	ng		99
86) Indeno(1,2,3-cd)pyrene	28.81	276	714715	54.226	ng	#	95
88) Benzo(b)fluoranthene	23.97	252	612631	52.754	ng		99
89) Benzo(k)fluoranthene	24.04	252	610519	52.795	ng		97
90) Benzo(a)pyrene	24.87	252	602185	53.750	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	592436	53.109	ng		99
92) Benzo(g,h,i)perylene	30.01	276	586502	53.351	ng		97

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

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