Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
Data File : BG038834.D
Acq On : 26 Dec 2018 17:32
Operator : JU/SJ
Sample : J6482-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : R20-OSMS

Quant Time: Dec 27 00:16:09 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	25200	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	104427	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	75749	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	192643	20.00	ng		0.00
76) Chrysene-d12	21.72	240	197072	20.00	ng		0.00
87) Perylene-d12	25.02	264	208895	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	202877	142.79	ng		0.01
7) Phenol-d6	7.22	99	272968	139.95	ng		0.00
23) Nitrobenzene-d5	9.24	82	189893	92.90	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	191045	183.00	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	519117	94.01	ng		0.00
79) Terphenyl-d14	20.04	244	965325	106.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	19015	28.756	ng	#	43
3) Pyridine	3.91	79	53630	29.457	ng		92
4) n-Nitrosodimethylamine	3.82	42	33212	37.231	ng		100
6) Aniline	7.39	93	30891	12.407	ng		96
8) 2-Chlorophenol	7.62	128	78602	47.806	ng		97
9) Benzaldehyde	7.21	77	22729	17.963	ng		98
10) Phenol	7.25	94	89509	43.195	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	62946	38.154	ng		97
12) 1,3-Dichlorobenzene	7.94	146	77069	39.643	ng		98
13) 1,4-Dichlorobenzene	8.09	146	79653	40.006	ng		95
14) 1,2-Dichlorobenzene	8.41	146	76585	40.801	ng		97
15) Benzyl Alcohol	8.30	79	77372	50.822	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	135048	35.734	ng		98
17) 2-Methylphenol	8.50	107	70317	50.648	ng		95
18) Hexachloroethane	9.13	117	27746	38.136	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	57991	42.332	ng		95
20) 3+4-Methylphenols	8.83	107	98421	51.331	ng		98
22) Acetophenone	8.89	105	118684	45.501	ng		95
24) Nitrobenzene	9.28	77	89407	43.236	ng		97
25) Isophorone	9.79	82	173162	47.149	ng	#	97
26) 2-Nitrophenol	9.98	139	47755	45.121	ng		94
27) 2,4-Dimethylphenol	10.04	122	87427	57.638	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	94119	45.411	ng		98
29) 2,4-Dichlorophenol	10.53	162	97929	58.034	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	92496	45.379	ng		99
31) Naphthalene	10.92	128	250215	48.631	ng		98
32) Benzoic acid	10.20	122	53885	54.250	ng		92
33) 4-Chloroaniline	11.05	127	8068	3.612	ng	#	88
34) Hexachlorobutadiene	11.18	225	60877	44.140	ng		90
35) Caprolactam	11.85	113	25101	35.944	ng	#	87
36) 4-Chloro-3-methylphenol	12.16	107	101061	52.481	ng		93
37) 2-Methylnaphthalene	12.52	142	197110	53.699	ng		99
38) 1-Methylnaphthalene	12.75	142	189228	53.125	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	123282	43.540	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	136789	87.933 ng		93
43) 2,4,6-Trichlorophenol	13.13	196	92860	53.338 ng		97
44) 2,4,5-Trichlorophenol	13.21	196	101408	55.015 ng		97
46) 1,1'-Biphenyl	13.53	154	272106	42.850 ng		99
47) 2-Chloronaphthalene	13.57	162	220329	44.917 ng		98
48) 2-Nitroaniline	13.79	65	69511	44.489 ng		88
49) Acenaphthylene	14.42	152	359050	48.963 ng		99
50) Dimethylphthalate	14.14	163	308281	49.836 ng		99
51) 2,6-Dinitrotoluene	14.28	165	67228	47.957 ng		91
52) Acenaphthene	14.76	154	207051	47.219 ng		99
53) 3-Nitroaniline	14.61	138	19152	13.402 ng		87
54) 2,4-Dinitrophenol	14.83	184	100587	117.965 ng		98
55) Dibenzofuran	15.09	168	355627	47.313 ng		98
56) 4-Nitrophenol	14.93	139	97593	90.024 ng		98
57) 2,4-Dinitrotoluene	15.07	165	94942	48.086 ng		94
58) Fluorene	15.74	166	286493	51.446 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	95044	57.311 ng		96
60) Diethylphthalate	15.50	149	301648	44.420 ng		96
61) 4-Chlorophenyl-phenylether	15.73	204	164392	47.313 ng		99
62) 4-Nitroaniline	15.78	138	56703	38.543 ng		98
63) Azobenzene	16.02	77	240519	42.398 ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	66680	48.522 ng		92
66) n-Nitrosodiphenylamine	15.95	169	266641	47.107 ng		96
67) 4-Bromophenyl-phenylether	16.62	248	111682	47.469 ng		95
68) Hexachlorobenzene	16.74	284	116958	47.956 ng		97
69) Atrazine	16.89	200	102868	48.971 ng		97
70) Pentachlorophenol	17.09	266	146302	101.419 ng		98
71) Phenanthrene	17.49	178	488077	48.858 ng		99
72) Anthracene	17.58	178	487275	49.409 ng		98
73) Carbazole	17.85	167	432905	44.385 ng		99
74) Di-n-butylphthalate	18.38	149	497657	44.467 ng		99
75) Fluoranthene	19.50	202	580547	46.969 ng		97
77) Benzidine	20.04	184	18222	3.127 ng	#	89
78) Pyrene	19.86	202	586912	45.081 ng		99
80) Butylbenzylphthalate	20.73	149	216515	42.567 ng		98
81) Benzo(a)anthracene	21.71	228	581625	48.434 ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	206	0.043 ng	#	1
83) Chrysene	21.77	228	545439	47.156 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	304555	42.218 ng		99
85) Di-n-octyl phthalate	22.79	149	529035	43.789 ng		99
86) Indeno(1,2,3-cd)pyrene	28.82	276	706671	51.967 ng	#	75
88) Benzo(b)fluoranthene	23.97	252	591108	51.539 ng		99
89) Benzo(k)fluoranthene	24.04	252	575752	50.412 ng		97
90) Benzo(a)pyrene	24.87	252	569948	51.510 ng	#	98
91) Dibenzo(a,h)anthracene	28.87	278	590314	53.582 ng		97
92) Benzo(g,h,i)perylene	30.01	276	589138	54.262 ng	#	96

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

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