Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
Data File : BG038219.D
Acq On : 29 Nov 2018 3:46
Operator : JU/SJ
Sample : PB115103BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115103BSD

Manual Integrations APPROVED
mohammad
11/30/2018 11:42:01 AM

Quant Time: Nov 29 05:28:09 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	8.08	152	34000	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	147014	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92257	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	217083	20.00	ng	0.00
76) Chrysene-d12	21.75	240	206532	20.00	ng	0.00
87) Perylene-d12	25.07	264	218198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	168553	85.59	ng	0.00
7) Phenol-d6	7.23	99	230094	81.86	ng	0.00
23) Nitrobenzene-d5	9.26	82	209684	76.35	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	81722	77.67	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	479423	75.71	ng	0.00
79) Terphenyl-d14	20.07	244	732091	83.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	24983	26.859	ng	# 94
3) Pyridine	3.92	79	75384	28.411	ng	95
4) n-Nitrosodimethylamine	3.84	42	39349	40.877	ng	92
6) Aniline	7.41	93	36719	10.121	ng	97
8) 2-Chlorophenol	7.64	128	89282	39.074	ng	98
9) Benzaldehyde	7.22	77	57841	28.454	ng	99
10) Phenol	7.26	94	119098	40.000	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	82513	33.946	ng	97
12) 1,3-Dichlorobenzene	7.97	146	89528	34.011	ng	98
13) 1,4-Dichlorobenzene	8.12	146	91610	34.452	ng	96
14) 1,2-Dichlorobenzene	8.44	146	88087	34.698	ng	97
15) Benzyl Alcohol	8.32	79	81696	40.166	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	174585	38.680	ng	98
17) 2-Methylphenol	8.52	107	80710	40.095	ng	99
18) Hexachloroethane	9.16	117	33785	34.911	ng	90
19) n-Nitroso-di-n-propylamine	8.89	70	69807	34.321	ng	97
20) 3+4-Methylphenols	8.85	107	109464	38.360	ng	99
22) Acetophenone	8.92	105	131685	36.001	ng	# 98
24) Nitrobenzene	9.30	77	106970	38.075	ng	98
25) Isophorone	9.82	82	193816	39.209	ng	98
26) 2-Nitrophenol	10.02	139	51579	36.775	ng	94
27) 2,4-Dimethylphenol	10.06	122	91471	43.286	ng	92
28) bis(2-Chloroethoxy)methane	10.30	93	116252	36.778	ng	96
29) 2,4-Dichlorophenol	10.54	162	93939	39.521	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	93771	35.205	ng	96
31) Naphthalene	10.96	128	278944	38.577	ng	100
32) Benzoic acid	10.16	122	41468m	34.979	ng	
33) 4-Chloroaniline	11.07	127	27452	8.162	ng	99
34) Hexachlorobutadiene	11.21	225	55442	33.821	ng	94
35) Caprolactam	11.85	113	32612	34.278	ng	# 82
36) 4-Chloro-3-methylphenol	12.17	107	102867	39.613	ng	91
37) 2-Methylnaphthalene	12.55	142	205752	39.614	ng	99
38) 1-Methylnaphthalene	12.77	142	196140	39.231	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	107126	34.749	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	125495	76.022	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	77616	36.947	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	84284	38.131	ng		95
46) 1,1'-Biphenyl	13.55	154	264841	34.170	ng		99
47) 2-Chloronaphthalene	13.60	162	211143	35.700	ng		99
48) 2-Nitroaniline	13.81	65	74456	40.000	ng		99
49) Acenaphthylene	14.45	152	349972	39.350	ng		100
50) Dimethylphthalate	14.17	163	267535	36.579	ng		99
51) 2,6-Dinitrotoluene	14.30	165	61221	36.984	ng		97
52) Acenaphthene	14.79	154	198174	37.012	ng		97
53) 3-Nitroaniline	14.63	138	25633	14.033	ng	#	97
54) 2,4-Dinitrophenol	14.84	184	28157	37.143	ng		90
55) Dibenzofuran	15.12	168	324243	36.623	ng		96
56) 4-Nitrophenol	14.93	139	93695	66.508	ng		92
57) 2,4-Dinitrotoluene	15.09	165	88049	39.094	ng		96
58) Fluorene	15.77	166	259077	39.219	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	73331	39.648	ng		96
60) Diethylphthalate	15.52	149	282376	36.349	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	135317	35.008	ng		98
62) 4-Nitroaniline	15.80	138	66591	36.698	ng		95
63) Azobenzene	16.04	77	266969	38.436	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	34170	24.886	ng		97
66) n-Nitrosodiphenylamine	15.97	169	237729	36.199	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	86040	36.111	ng		98
68) Hexachlorobenzene	16.76	284	86266	35.076	ng		98
69) Atrazine	16.91	200	90275	37.289	ng		98
70) Pentachlorophenol	17.11	266	86021	51.499	ng		96
71) Phenanthrene	17.51	178	436305	39.256	ng		99
72) Anthracene	17.60	178	445926	40.702	ng		100
73) Carbazole	17.88	167	400472	36.433	ng		99
74) Di-n-butylphthalate	18.41	149	488639	39.602	ng		98
75) Fluoranthene	19.52	202	517217	40.788	ng		99
77) Benzidine	19.70	184	114015	15.733	ng		100
78) Pyrene	19.88	202	523305	38.754	ng		97
80) Butylbenzylphthalate	20.75	149	225876	38.251	ng		98
81) Benzo(a)anthracene	21.73	228	495458	39.697	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	77457	15.932	ng		99
83) Chrysene	21.80	228	464344	38.885	ng		96
84) Bis(2-ethylhexyl)phthalate	21.60	149	319651	37.957	ng		99
85) Di-n-octyl phthalate	22.84	149	544209	39.945	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	489934	36.941	ng		97
88) Benzo(b)fluoranthene	24.01	252	482207	40.159	ng		99
89) Benzo(k)fluoranthene	24.08	252	466276	39.353	ng		99
90) Benzo(a)pyrene	24.92	252	470295	40.983	ng		99
91) Dibenzo(a,h)anthracene	28.95	278	380174	34.432	ng		98
92) Benzo(g,h,i)perylene	30.09	276	394494	35.933	ng		97

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

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