Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038113.D
Acq On : 21 Nov 2018 11:09
Operator : JU/SJ
Sample : PB114976BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Manual Integrations APPROVED
Sohil
11/21/2018 3:23:24 PM

Quant Time: Nov 21 12:16:09 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	39984	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	170889	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	106351	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	254587	20.00	ng		0.00
76) Chrysene-d12	21.76	240	240624	20.00	ng		0.00
87) Perylene-d12	25.08	264	254888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	234573	101.29	ng		0.00
7) Phenol-d6	7.23	99	325466	98.46	ng		0.00
23) Nitrobenzene-d5	9.26	82	196437	61.53	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	103433	85.28	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	442439	60.61	ng		0.00
79) Terphenyl-d14	20.07	244	704990	68.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	27582	25.215	ng		96
3) Pyridine	3.92	79	80398	25.766	ng		97
4) n-Nitrosodimethylamine	3.84	42	42541	37.579	ng		93
6) Aniline	7.41	93	39644	9.292	ng		98
8) 2-Chlorophenol	7.64	128	95034	35.366	ng		95
9) Benzaldehyde	7.23	77	43075	18.019	ng		99
10) Phenol	7.26	94	124732	35.623	ng		100
11) bis(2-Chloroethyl)ether	7.50	93	90194	31.552	ng		98
12) 1,3-Dichlorobenzene	7.97	146	93767	30.290	ng		96
13) 1,4-Dichlorobenzene	8.12	146	95203	30.445	ng		100
14) 1,2-Dichlorobenzene	8.44	146	92461	30.970	ng		97
15) Benzyl Alcohol	8.32	79	80340	33.587	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	178911	33.706	ng		98
17) 2-Methylphenol	8.52	107	84759	35.805	ng		98
18) Hexachloroethane	9.17	117	35575	31.259	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	72287	30.221	ng		98
20) 3+4-Methylphenols	8.85	107	115940	34.549	ng		98
22) Acetophenone	8.92	105	137241	32.278	ng	#	99
24) Nitrobenzene	9.31	77	110186	33.741	ng		98
25) Isophorone	9.82	82	200551	34.903	ng		99
26) 2-Nitrophenol	10.02	139	51165	31.384	ng		95
27) 2,4-Dimethylphenol	10.06	122	96561	39.311	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	124136	33.786	ng		96
29) 2,4-Dichlorophenol	10.55	162	97854	35.417	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	99403	32.106	ng		97
31) Naphthalene	10.96	128	291380	34.667	ng		99
32) Benzoic acid	10.22	122	6980m	15.612	ng		
33) 4-Chloroaniline	11.07	127	32855	8.403	ng		95
34) Hexachlorobutadiene	11.21	225	57110	29.971	ng		98
35) Caprolactam	11.85	113	33645	30.423	ng	#	84
36) 4-Chloro-3-methylphenol	12.17	107	104675	34.678	ng		99
37) 2-Methylnaphthalene	12.55	142	215749	35.735	ng		96
38) 1-Methylnaphthalene	12.77	142	202076	34.772	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	108545	30.544	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	124640	65.498	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	76879	31.746	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	83294	32.689	ng		98
46) 1,1'-Biphenyl	13.55	154	273731	30.637	ng		98
47) 2-Chloronaphthalene	13.60	162	220178	32.294	ng		99
48) 2-Nitroaniline	13.81	65	75611	35.237	ng		97
49) Acenaphthylene	14.45	152	364384	35.540	ng		100
50) Dimethylphthalate	14.17	163	283265	33.597	ng		100
51) 2,6-Dinitrotoluene	14.30	165	65590	34.372	ng		97
52) Acenaphthene	14.79	154	208817	33.831	ng		99
53) 3-Nitroaniline	14.63	138	33577	15.946	ng	#	94
54) 2,4-Dinitrophenol	14.84	184	3696	12.456	ng	#	87
55) Dibenzofuran	15.12	168	342702	33.578	ng		99
56) 4-Nitrophenol	14.93	139	85430	52.605	ng		98
57) 2,4-Dinitrotoluene	15.09	165	91419	35.211	ng		95
58) Fluorene	15.77	166	273956	35.976	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	62809	29.458	ng		92
60) Diethylphthalate	15.52	149	297377	33.207	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	140764	31.591	ng		97
62) 4-Nitroaniline	15.80	138	71040	33.962	ng		95
63) Azobenzene	16.04	77	279189	34.868	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	9163	5.690	ng		92
66) n-Nitrosodiphenylamine	15.97	169	251837	32.698	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	87594	31.347	ng		98
68) Hexachlorobenzene	16.76	284	89873	31.159	ng		97
69) Atrazine	16.91	200	91460	32.213	ng		99
70) Pentachlorophenol	17.11	266	36654	18.711	ng		91
71) Phenanthrene	17.51	178	464634	35.646	ng		99
72) Anthracene	17.60	178	474347	36.918	ng		100
73) Carbazole	17.88	167	428331	33.227	ng		99
74) Di-n-butylphthalate	18.41	149	522352	36.098	ng		99
75) Fluoranthene	19.52	202	550285	37.003	ng		99
77) Benzidine	19.70	184	99471	11.781	ng		98
78) Pyrene	19.88	202	550159	34.970	ng		99
80) Butylbenzylphthalate	20.75	149	238871	34.720	ng		98
81) Benzo(a)anthracene	21.73	228	525958	36.170	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	82852	14.627	ng		100
83) Chrysene	21.80	228	492278	35.383	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	334812	34.125	ng		98
85) Di-n-octyl phthalate	22.84	149	577892	36.407	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	553224	35.803	ng	#	90
88) Benzo(b)fluoranthene	24.01	252	521567	37.184	ng		99
89) Benzo(k)fluoranthene	24.08	252	501131	36.207	ng		98
90) Benzo(a)pyrene	24.92	252	505159	37.685	ng		99
91) Dibenzo(a,h)anthracene	28.95	278	433144	33.582	ng		98
92) Benzo(g,h,i)perylene	30.08	276	433537	33.805	ng		97

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

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