Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044581.D
Acq On : 25 Feb 2020 17:56
Operator : CG/JU
Sample : PB127067BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127067BS

Manual Integrations APPROVED
mohammad
2/27/2020 5:03:02 PM

Quant Time: Feb 26 05:37:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	63256	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	249378	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	162924	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	373125	20.00	ng		0.00
76) Chrysene-d12	21.50	240	355408	20.00	ng		0.00
87) Perylene-d12	24.57	264	348205	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	447481	113.50	ng		0.01
7) Phenol-d6	7.05	99	578772	107.25	ng		0.00
23) Nitrobenzene-d5	9.03	82	303997	62.80	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	244907	106.01	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	711081	62.50	ng		0.00
79) Terphenyl-d14	19.88	244	1237961	65.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	62110	36.102	ng		99
3) Pyridine	3.72	79	145386	30.286	ng		98
4) n-Nitrosodimethylamine	3.64	42	71371	39.146	ng		99
6) Aniline	7.20	93	178319	27.140	ng		99
8) 2-Chlorophenol	7.44	128	172022	39.971	ng		98
9) Benzaldehyde	7.01	77	71321	22.475	ng		97
10) Phenol	7.08	94	211354	40.415	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	162960	37.067	ng		98
12) 1,3-Dichlorobenzene	7.77	146	189221	36.863	ng		100
13) 1,4-Dichlorobenzene	7.91	146	189110	36.659	ng		98
14) 1,2-Dichlorobenzene	8.23	146	178781	36.443	ng		97
15) Benzyl Alcohol	8.11	79	137465	37.770	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	208488	35.286	ng		98
17) 2-Methylphenol	8.33	107	145017	38.816	ng		97
18) Hexachloroethane	8.95	117	69595	36.915	ng		96
19) n-Nitroso-di-n-propylamine	8.68	70	121445	35.010	ng		97
20) 3+4-Methylphenols	8.65	107	197260	38.566	ng		99
22) Acetophenone	8.69	105	233900	37.358	ng	#	98
24) Nitrobenzene	9.08	77	175621	37.449	ng		99
25) Isophorone	9.60	82	334615	36.952	ng		99
26) 2-Nitrophenol	9.79	139	98006	38.535	ng		99
27) 2,4-Dimethylphenol	9.86	122	160227	44.869	ng		98
28) bis(2-Chloroethoxy)methane	10.08	93	212144	35.426	ng		99
29) 2,4-Dichlorophenol	10.33	162	169602	39.726	ng		99
30) 1,2,4-Trichlorobenzene	10.54	180	177232	35.895	ng		99
31) Naphthalene	10.73	128	509066	37.410	ng		100
32) Benzoic acid	10.02	122	81366	54.826	ng		99
33) 4-Chloroaniline	10.84	127	123172	20.551	ng		99
34) Hexachlorobutadiene	11.02	225	105663	34.077	ng		97
35) Caprolactam	11.60	113	60169m	39.368	ng		
36) 4-Chloro-3-methylphenol	11.97	107	173875	39.565	ng		99
37) 2-Methylnaphthalene	12.34	142	377789	37.565	ng		99
38) 1-Methylnaphthalene	12.55	142	355121	37.162	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	190963	34.816	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	167345	65.731	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	135360	38.008	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	146527	40.052	ng	97
46) 1,1'-Biphenyl	13.35	154	474426	35.188	ng	99
47) 2-Chloronaphthalene	13.39	162	369522	34.951	ng	99
48) 2-Nitroaniline	13.59	65	106899	36.424	ng	95
49) Acenaphthylene	14.23	152	582567	37.329	ng	99
50) Dimethylphthalate	13.97	163	482491	36.691	ng	99
51) 2,6-Dinitrotoluene	14.09	165	107463	37.054	ng	97
52) Acenaphthene	14.58	154	357967	35.983	ng	99
53) 3-Nitroaniline	14.42	138	79992	25.574	ng	97
54) 2,4-Dinitrophenol	14.63	184	121219	71.306	ng	97
55) Dibenzofuran	14.92	168	570607	37.414	ng	99
56) 4-Nitrophenol	14.75	139	205809	95.657	ng	98
57) 2,4-Dinitrotoluene	14.88	165	153813	37.723	ng	99
58) Fluorene	15.56	166	452694	37.436	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	131317	38.979	ng	98
60) Diethylphthalate	15.34	149	488720	37.509	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	240206	36.533	ng	99
62) 4-Nitroaniline	15.59	138	111232	35.516	ng	93
63) Azobenzene	15.85	77	426538	38.466	ng	100
65) 4,6-Dinitro-2-methylphenol	15.65	198	95707	41.425	ng	97
66) n-Nitrosodiphenylamine	15.77	169	428064	36.779	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	160787	34.716	ng	98
68) Hexachlorobenzene	16.57	284	175378	33.492	ng	97
69) Atrazine	16.73	200	173406	40.301	ng	98
70) Pentachlorophenol	16.92	266	200359	78.358	ng	98
71) Phenanthrene	17.30	178	761482	36.862	ng	100
72) Anthracene	17.40	178	774828	38.061	ng	99
73) Carbazole	17.66	167	723898	39.066	ng	100
74) Di-n-butylphthalate	18.23	149	909113	39.152	ng	99
75) Fluoranthene	19.32	202	955431	39.070	ng	99
77) Benzidine	19.49	184	250178	20.549	ng	98
78) Pyrene	19.68	202	951844	36.894	ng	99
80) Butylbenzylphthalate	20.57	149	412419	36.546	ng	99
81) Benzo(a)anthracene	21.49	228	916066	36.673	ng	100
82) 3,3'-Dichlorobenzidine	21.40	252	304624	30.869	ng	98
83) Chrysene	21.55	228	887933	36.765	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	590003	37.943	ng	99
85) Di-n-octyl phthalate	22.56	149	1041053	38.053	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1110021	35.813	ng	99
88) Benzo(b)fluoranthene	23.61	252	985018	43.025	ng	99
89) Benzo(k)fluoranthene	23.67	252	949634	42.750	ng	99
90) Benzo(a)pyrene	24.43	252	894545	41.587	ng	98
91) Dibenzo(a,h)anthracene	28.10	278	932037	43.813	ng	100
92) Benzo(g,h,i)perylene	29.13	276	949070	44.529	ng	100

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

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