Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044520.D
Acq On : 20 Feb 2020 14:40
Operator : CG/JU
Sample : PB126886BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126886BS

Manual Integrations APPROVED
mohammad
2/21/2020 2:17:47 PM

Quant Time: Feb 21 07:03:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	67864	20.00	ng		-0.02
21) Naphthalene-d8	10.68	136	284469	20.00	ng		-0.02
39) Acenaphthene-d10	14.53	164	192986	20.00	ng		-0.02
64) Phenanthrene-d10	17.27	188	423754	20.00	ng		-0.02
76) Chrysene-d12	21.51	240	382367	20.00	ng		-0.02
87) Perylene-d12	24.58	264	389599	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	506833	131.80	ng		-0.02
7) Phenol-d6	7.06	99	679984	131.69	ng		-0.02
23) Nitrobenzene-d5	9.04	82	352331	69.92	ng		-0.02
42) 2,4,6-Tribromophenol	16.01	330	282777	124.82	ng		-0.02
45) 2-Fluorobiphenyl	13.15	172	828852	71.92	ng		-0.02
79) Terphenyl-d14	19.89	244	1306208	70.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	81031	46.901	ng		99
3) Pyridine	3.73	79	153507	33.350	ng		98
4) n-Nitrosodimethylamine	3.65	42	78235	40.675	ng		96
6) Aniline	7.21	93	219862	34.303	ng		99
8) 2-Chlorophenol	7.45	128	203296	48.105	ng		97
9) Benzaldehyde	7.01	77	81945	27.864	ng		99
10) Phenol	7.09	94	249390	48.801	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	184279	42.179	ng		99
12) 1,3-Dichlorobenzene	7.77	146	206745	40.973	ng		98
13) 1,4-Dichlorobenzene	7.92	146	208056	41.632	ng		99
14) 1,2-Dichlorobenzene	8.23	146	199940	42.327	ng		99
15) Benzyl Alcohol	8.12	79	168039	45.965	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	236894	40.061	ng		97
17) 2-Methylphenol	8.33	107	175016	48.001	ng		98
18) Hexachloroethane	8.96	117	75496	40.257	ng		98
19) n-Nitroso-di-n-propylamine	8.69	70	144094	41.871	ng		96
20) 3+4-Methylphenols	8.66	107	241734	48.107	ng		99
22) Acetophenone	8.70	105	273682	39.548	ng	#	97
24) Nitrobenzene	9.08	77	205930	41.863	ng		99
25) Isophorone	9.60	82	401452	42.746	ng		99
26) 2-Nitrophenol	9.80	139	117728	46.124	ng		99
27) 2,4-Dimethylphenol	9.86	122	198753	55.163	ng		98
28) bis(2-Chloroethoxy)methane	10.09	93	255644	40.805	ng		100
29) 2,4-Dichlorophenol	10.34	162	204568	46.955	ng		98
30) 1,2,4-Trichlorobenzene	10.55	180	206713	41.379	ng		99
31) Naphthalene	10.73	128	595165	43.123	ng		99
32) Benzoic acid	10.03	122	59644	31.883	ng		94
33) 4-Chloroaniline	10.84	127	162287	25.854	ng		98
34) Hexachlorobutadiene	11.03	225	121905	39.658	ng		97
35) Caprolactam	11.61	113	74567m	46.723	ng		
36) 4-Chloro-3-methylphenol	11.98	107	213294	46.695	ng		98
37) 2-Methylnaphthalene	12.34	142	447973	43.716	ng		99
38) 1-Methylnaphthalene	12.56	142	426372	44.133	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	225748	39.105	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	211833	76.474 ng	98
43) 2,4,6-Trichlorophenol	12.96	196	162948	43.669 ng	97
44) 2,4,5-Trichlorophenol	13.03	196	175308	45.997 ng	99
46) 1,1'-Biphenyl	13.36	154	572999	41.163 ng	98
47) 2-Chloronaphthalene	13.40	162	445695	40.236 ng	99
48) 2-Nitroaniline	13.60	65	130409	39.892 ng	98
49) Acenaphthylene	14.24	152	710076	43.705 ng	99
50) Dimethylphthalate	13.98	163	572328	41.257 ng	99
51) 2,6-Dinitrotoluene	14.10	165	131893	42.641 ng	96
52) Acenaphthene	14.59	154	430650	40.894 ng	98
53) 3-Nitroaniline	14.43	138	95074	27.783 ng	94
54) 2,4-Dinitrophenol	14.64	184	149017	81.182 ng	97
55) Dibenzofuran	14.92	168	682406	42.800 ng	99
56) 4-Nitrophenol	14.75	139	231201	92.235 ng	99
57) 2,4-Dinitrotoluene	14.89	165	183515	42.331 ng	97
58) Fluorene	15.57	166	538556	42.885 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	157794	45.836 ng	98
60) Diethylphthalate	15.35	149	574760	41.581 ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	282741	41.524 ng	100
62) 4-Nitroaniline	15.59	138	130369	38.126 ng	98
63) Azobenzene	15.86	77	504362	41.632 ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	113813	48.656 ng	98
66) n-Nitrosodiphenylamine	15.78	169	503975	42.438 ng	99
67) 4-Bromophenyl-phenylether	16.46	248	189170	40.975 ng	98
68) Hexachlorobenzene	16.58	284	210746	40.745 ng	99
69) Atrazine	16.73	200	196329	48.234 ng	98
70) Pentachlorophenol	16.93	266	220858	84.266 ng	98
71) Phenanthrene	17.31	178	882734	43.019 ng	99
72) Anthracene	17.40	178	897903	44.260 ng	98
73) Carbazole	17.67	167	814844	43.569 ng	98
74) Di-n-butylphthalate	18.23	149	990516	42.858 ng	99
75) Fluoranthene	19.32	202	1047912	44.146 ng	99
77) Benzidine	19.50	184	366394	34.546 ng	98
78) Pyrene	19.68	202	1051977	42.840 ng	97
80) Butylbenzylphthalate	20.57	149	451020	40.305 ng	99
81) Benzo(a)anthracene	21.50	228	1005315	42.660 ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	317081	34.669 ng	98
83) Chrysene	21.56	228	967639	42.481 ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	637897	41.415 ng	99
85) Di-n-octyl phthalate	22.57	149	1136128	42.632 ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1245848	41.923 ng	99
88) Benzo(b)fluoranthene	23.62	252	1061426	47.279 ng	99
89) Benzo(k)fluoranthene	23.68	252	1051532	48.058 ng	99
90) Benzo(a)pyrene	24.44	252	984366	46.375 ng	99
91) Dibenzo(a,h)anthracene	28.12	278	1038917	49.456 ng	99
92) Benzo(g,h,i)perylene	29.16	276	1049974	49.929 ng	99

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

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