Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044887.D
Acq On : 19 Mar 2020 7:43
Operator : CG/JU
Sample : PB127567BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:00 PM

Quant Time: Mar 19 11:33:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	75112	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	284775	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	187814	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	461199	20.00	ng	0.00
76) Chrysene-d12	21.69	240	476986	20.00	ng	0.00
87) Perylene-d12	24.89	264	524333	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	600786	124.51	ng	0.00
7) Phenol-d6	7.20	99	819407	116.88	ng	0.00
23) Nitrobenzene-d5	9.20	82	520538	80.21	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	359532	146.20	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1126755	85.91	ng	0.00
79) Terphenyl-d14	20.03	244	2030549	79.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	79273	34.117	ng	98
3) Pyridine	3.90	79	200258	29.113	ng	95
4) n-Nitrosodimethylamine	3.81	42	104392	39.999	ng	92
6) Aniline	7.36	93	273686	31.374	ng	98
8) 2-Chlorophenol	7.61	128	230386	47.831	ng	99
9) Benzaldehyde	7.17	77	177347	42.187	ng	98
10) Phenol	7.23	94	303998	43.800	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	220599	39.825	ng	99
12) 1,3-Dichlorobenzene	7.93	146	242987	40.952	ng	98
13) 1,4-Dichlorobenzene	8.08	146	245901	41.920	ng	97
14) 1,2-Dichlorobenzene	8.40	146	226174	40.654	ng	97
15) Benzyl Alcohol	8.27	79	234646	41.716	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	328794	33.636	ng	98
17) 2-Methylphenol	8.48	107	204325	43.460	ng	95
18) Hexachloroethane	9.14	117	92009	39.841	ng	85
19) n-Nitroso-di-n-propylamine	8.85	70	183694	37.108	ng	99
20) 3+4-Methylphenols	8.81	107	287515	44.363	ng	97
22) Acetophenone	8.86	105	337153	41.791	ng	98
24) Nitrobenzene	9.24	77	283103	42.042	ng	100
25) Isophorone	9.77	82	515692	40.715	ng	98
26) 2-Nitrophenol	9.96	139	122597	51.932	ng	98
27) 2,4-Dimethylphenol	10.02	122	217634	52.764	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	299444	39.615	ng	98
29) 2,4-Dichlorophenol	10.49	162	230084	47.758	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	246413	42.776	ng	98
31) Naphthalene	10.90	128	676302	42.871	ng	99
32) Benzoic acid	10.16	122	134000	42.971	ng	97
33) 4-Chloroaniline	11.00	127	142550	20.057	ng	97
34) Hexachlorobutadiene	11.20	225	161763	42.701	ng	91
35) Caprolactam	11.76	113	80121m	43.925	ng	
36) 4-Chloro-3-methylphenol	12.12	107	261327	45.481	ng	97
37) 2-Methylnaphthalene	12.51	142	501134	42.467	ng	97
38) 1-Methylnaphthalene	12.72	142	476174	42.922	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	272359	44.033	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	393644	116.453	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	203361	49.541	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	219463	51.553	ng		99
46) 1,1'-Biphenyl	13.51	154	630084	41.981	ng		99
47) 2-Chloronaphthalene	13.55	162	486334	42.418	ng		98
48) 2-Nitroaniline	13.74	65	181004	45.094	ng		98
49) Acenaphthylene	14.39	152	827982	46.096	ng		100
50) Dimethylphthalate	14.13	163	669945	44.787	ng		98
51) 2,6-Dinitrotoluene	14.24	165	156085	51.767	ng		95
52) Acenaphthene	14.74	154	611452	51.979	ng		96
53) 3-Nitroaniline	14.56	138	107603	31.041	ng		94
54) 2,4-Dinitrophenol	14.77	184	193957	118.617	ng		90
55) Dibenzofuran	15.08	168	778394	45.630	ng		99
56) 4-Nitrophenol	14.88	139	275674	104.201	ng		97
57) 2,4-Dinitrotoluene	15.03	165	220714	53.374	ng		98
58) Fluorene	15.72	166	644139	45.903	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	209123m	53.357	ng		
60) Diethylphthalate	15.49	149	689777	44.212	ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	348816	46.164	ng		99
62) 4-Nitroaniline	15.73	138	161767	43.763	ng		97
63) Azobenzene	16.01	77	691558	42.685	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	135021	59.924	ng		96
66) n-Nitrosodiphenylamine	15.93	169	587611	42.319	ng		96
67) 4-Bromophenyl-phenylether	16.61	248	245045	42.501	ng		98
68) Hexachlorobenzene	16.73	284	266300	42.573	ng		98
69) Atrazine	16.88	200	244692	48.099	ng		99
70) Pentachlorophenol	17.07	266	350798	101.927	ng		99
71) Phenanthrene	17.46	178	1081128	43.867	ng		100
72) Anthracene	17.56	178	1102735	45.376	ng		99
73) Carbazole	17.82	167	1050640	45.007	ng		100
74) Di-n-butylphthalate	18.39	149	1264034	44.544	ng		99
75) Fluoranthene	19.47	202	1419714	48.380	ng		99
77) Benzidine	19.64	184	821966	53.082	ng		99
78) Pyrene	19.83	202	1415993	40.463	ng		99
80) Butylbenzylphthalate	20.72	149	617299	39.650	ng		99
81) Benzo(a)anthracene	21.67	228	1428592	41.594	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	408960	30.778	ng		97
83) Chrysene	21.74	228	1341749	40.896	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	850142	39.566	ng	#	96
85) Di-n-octyl phthalate	22.81	149	1469118	40.860	ng		99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1808631	42.049	ng	#	98
88) Benzo(b)fluoranthene	23.88	252	1503996	43.449	ng		99
89) Benzo(k)fluoranthene	23.95	252	1462195	44.637	ng		98
90) Benzo(a)pyrene	24.75	252	1389698	42.906	ng		98
91) Dibenzo(a,h)anthracene	28.61	278	1453513	45.487	ng	#	98
92) Benzo(g,h,i)perylene	29.68	276	1489669	46.142	ng		98

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

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