Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
Data File : BG047219.D
Acq On : 5 Nov 2020 10:43
Operator : CG/JU
Sample : PB132703BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 05 11:31:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB132703BS

Manual Integrations APPROVED
mohammad
11/6/2020 10:32:11 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.006	152	54283	20.00	ng		0.00
21) Naphthalene-d8	10.815	136	215216	20.00	ng		0.00
39) Acenaphthene-d10	14.640	164	155139	20.00	ng		0.00
64) Phenanthrene-d10	17.389	188	393673	20.00	ng	#	0.00
76) Chrysene-d12	21.649	240	427884	20.00	ng	#	0.00
86) Perylene-d12	24.834	264	444643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.562	112	426760	127.43	ng		0.00
7) Phenol-d6	7.166	99	581086	119.87	ng		0.00
23) Nitrobenzene-d5	9.170	82	374794	74.74	ng		0.00
42) 2,4,6-Tribromophenol	16.132	330	316734	121.92	ng		0.00
45) 2-Fluorobiphenyl	13.265	172	891150	73.67	ng		0.00
79) Terphenyl-d14	19.998	244	1677533	68.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	46980	28.33	ng	#	89
3) Pyridine	3.829	79	140807	31.74	ng	#	94
4) n-Nitrosodimethylamine	3.741	42	87727	39.44	ng	#	74
6) Aniline	7.325	93	210572	36.80	ng		93
8) 2-Chlorophenol	7.566	128	157266	44.23	ng		93
9) Benzaldehyde	7.137	77	53069m	16.27	ng		
10) Phenol	7.190	94	208827	45.41	ng		78
11) bis(2-Chloroethyl)ether	7.419	93	150150	41.16	ng		96
12) 1,3-Dichlorobenzene	7.895	146	178070	38.48	ng	#	93
13) 1,4-Dichlorobenzene	8.042	146	182034	39.17	ng		97
14) 1,2-Dichlorobenzene	8.359	146	175196	39.75	ng		97
15) Benzyl Alcohol	8.241	79	167605	44.99	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.535	45	219265	38.95	ng		98
17) 2-Methylphenol	8.447	107	140206	45.05	ng	#	91
18) Hexachloroethane	9.093	117	66276	38.95	ng		96
19) n-Nitroso-di-n-propyla...	8.811	70	133328	41.85	ng		93
20) 3+4-Methylphenols	8.776	107	186962	44.85	ng		89
22) Acetophenone	8.829	105	245174	39.51	ng	#	93
24) Nitrobenzene	9.211	77	203144	39.81	ng	#	85
25) Isophorone	9.734	82	355727	41.40	ng	#	95
26) 2-Nitrophenol	9.928	139	94202	42.80	ng	#	78
27) 2,4-Dimethylphenol	9.980	122	148860	50.38	ng		89
28) bis(2-Chloroethoxy)met...	10.215	93	202653	38.97	ng		94
29) 2,4-Dichlorophenol	10.462	162	174812	42.81	ng		96
30) 1,2,4-Trichlorobenzene	10.680	180	190252	37.80	ng		98
31) Naphthalene	10.868	128	489549	39.73	ng		99
32) Benzoic acid	10.121	122	91948	36.53	ng	#	72
33) 4-Chloroaniline	10.973	127	120303	23.21	ng	#	91
34) Hexachlorobutadiene	11.150	225	134939	35.43	ng		95
35) Caprolactam	11.737	113	56856m	42.61	ng		
36) 4-Chloro-3-methylphenol	12.090	107	182833	43.94	ng		90
37) 2-Methylnaphthalene	12.472	142	372374	40.21	ng	#	92
38) 1-Methylnaphthalene	12.689	142	351656m	39.96	ng		
40) 1,2,4,5-Tetrachloroben...	12.836	216	242513	39.59	ng	#	98
41) Hexachlorocyclopentadiene	12.818	237	321971	101.42	ng		99
43) 2,4,6-Trichlorophenol	13.077	196	163060	40.95	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.147	196	168792	41.75	ng	#	96
46) 1,1'-Biphenyl	13.476	154	508830	40.06	ng		94
47) 2-Chloronaphthalene	13.517	162	399927	38.60	ng		98
48) 2-Nitroaniline	13.717	65	135917	39.58	ng	#	77
49) Acenaphthylene	14.369	152	609915	40.25	ng		98
50) Dimethylphthalate	14.093	163	539365	39.37	ng		99
51) 2,6-Dinitrotoluene	14.217	165	120438	42.38	ng	#	81
52) Acenaphthene	14.710	154	388604	40.11	ng		95
53) 3-Nitroaniline	14.540	138	82266	29.08	ng		86
54) 2,4-Dinitrophenol	14.751	184	161651	88.67	ng	#	70
55) Dibenzofuran	15.039	168	633770	39.79	ng		95
56) 4-Nitrophenol	14.851	139	201204	91.83	ng	#	63
57) 2,4-Dinitrotoluene	15.004	165	171262	41.28	ng	#	79
58) Fluorene	15.691	166	523658	40.90	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.268	232	174490	41.10	ng	#	96
60) Diethylphthalate	15.456	149	547953	40.49	ng		95
61) 4-Chlorophenyl-phenyle...	15.680	204	301394	39.75	ng		97
62) 4-Nitroaniline	15.709	138	115465	38.01	ng	#	57
63) Azobenzene	15.973	77	496741	40.95	ng		91
65) 4,6-Dinitro-2-methylph...	15.768	198	122322	44.69	ng		90
66) n-Nitrosodiphenylamine	15.897	169	484547	40.01	ng		98
67) 4-Bromophenyl-phenylether	16.573	248	209003	38.01	ng		96
68) Hexachlorobenzene	16.696	284	223797	37.46	ng		96
69) Atrazine	16.837	200	179010	34.56	ng		98
70) Pentachlorophenol	17.037	266	287620	88.35	ng		99
71) Phenanthrene	17.431	178	904593	39.60	ng		98
72) Anthracene	17.519	178	915642	41.26	ng		99
73) Carbazole	17.789	167	810736	41.38	ng		98
74) Di-n-butylphthalate	18.341	149	969215	40.45	ng	#	97
75) Fluoranthene	19.440	202	1207059	41.48	ng		96
77) Benzidine	19.616	184	513711	35.80	ng		98
78) Pyrene	19.798	202	1193382	40.05	ng		99
80) Butylbenzylphthalate	20.680	149	447707	39.83	ng		93
81) Benzo(a)anthracene	21.626	228	1199376	39.54	ng		99
82) 3,3'-Dichlorobenzidine	21.543	252	322023	30.68	ng		99
83) Chrysene	21.696	228	1149268	39.37	ng		99
84) Bis(2-ethylhexyl)phtha...	21.532	149	637161	40.52	ng		96
85) Di-n-octyl phthalate	22.730	149	1085493	41.07	ng		96
87) Indeno(1,2,3-cd)pyrene	28.476	276	1414704	41.91	ng	#	85
88) Benzo(b)fluoranthene	23.829	252	1262217	41.58	ng	#	97
89) Benzo(k)fluoranthene	23.894	252	1213517	40.93	ng	#	96
90) Benzo(a)pyrene	24.693	252	1137160	40.14	ng	#	97
91) Dibenzo(a,h)anthracene	28.541	278	1160882	42.26	ng	#	95
92) Benzo(g,h,i)perylene	29.622	276	1165931	42.80	ng	#	93

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

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