Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047303.D
Acq On : 12 Nov 2020 6:13
Operator : CG/JU
Sample : PB132948BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB132948BS

Manual Integrations APPROVED
mohammad
11/12/2020 11:38:06 AM

Quant Time: Nov 12 06:51:26 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.006	152	51197	20.00	ng		0.00
21) Naphthalene-d8	10.820	136	201332	20.00	ng	#	0.00
39) Acenaphthene-d10	14.645	164	146249	20.00	ng		0.00
64) Phenanthrene-d10	17.389	188	363858	20.00	ng	#	0.00
76) Chrysene-d12	21.655	240	364693	20.00	ng	#	0.00
86) Perylene-d12	24.851	264	376113	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.568	112	414757	131.31	ng		0.00
7) Phenol-d6	7.178	99	557988	122.04	ng		0.02
23) Nitrobenzene-d5	9.175	82	371205	79.13	ng		0.00
42) 2,4,6-Tribromophenol	16.138	330	329323	134.47	ng		0.00
45) 2-Fluorobiphenyl	13.265	172	874801	76.72	ng		0.00
79) Terphenyl-d14	19.998	244	1577587	76.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	40052	25.60	ng	#	94
3) Pyridine	3.829	79	126630	30.27	ng	#	89
4) n-Nitrosodimethylamine	3.746	42	90010	42.91	ng	#	65
6) Aniline	7.330	93	209719	38.86	ng		92
8) 2-Chlorophenol	7.571	128	161130	48.05	ng		98
9) Benzaldehyde	7.142	77	35893	11.67	ng		88
10) Phenol	7.201	94	203896	47.01	ng		79
11) bis(2-Chloroethyl)ether	7.424	93	150477	43.74	ng		98
12) 1,3-Dichlorobenzene	7.894	146	184662	42.31	ng	#	93
13) 1,4-Dichlorobenzene	8.047	146	187576	42.80	ng		98
14) 1,2-Dichlorobenzene	8.364	146	175606	42.25	ng		95
15) Benzyl Alcohol	8.247	79	171231	48.73	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.535	45	226115	42.58	ng		99
17) 2-Methylphenol	8.453	107	137434	46.82	ng	#	90
18) Hexachloroethane	9.093	117	69420	43.26	ng		95
19) n-Nitroso-di-n-propyla...	8.811	70	130986	43.60	ng		92
20) 3+4-Methylphenols	8.782	107	185865	47.27	ng		90
22) Acetophenone	8.829	105	248255	42.76	ng	#	91
24) Nitrobenzene	9.216	77	202889	42.50	ng		90
25) Isophorone	9.739	82	352753	43.88	ng	#	94
26) 2-Nitrophenol	9.927	139	94499	45.90	ng	#	80
27) 2,4-Dimethylphenol	9.986	122	146921	53.15	ng		92
28) bis(2-Chloroethoxy)met...	10.221	93	203281	41.78	ng		96
29) 2,4-Dichlorophenol	10.468	162	175109	45.84	ng		99
30) 1,2,4-Trichlorobenzene	10.679	180	195361	41.49	ng		97
31) Naphthalene	10.867	128	491856	42.67	ng		99
32) Benzoic acid	10.127	122	88613	37.49	ng	#	77
33) 4-Chloroaniline	10.973	127	155005	31.97	ng	#	92
34) Hexachlorobutadiene	11.149	225	143061	40.15	ng		98
35) Caprolactam	11.749	113	60607m	48.56	ng		
36) 4-Chloro-3-methylphenol	12.101	107	186433	47.89	ng		90
37) 2-Methylnaphthalene	12.471	142	371270	42.86	ng	#	92
38) 1-Methylnaphthalene	12.695	142	349439	42.45	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.842	216	245161	42.46	ng	#	97
41) Hexachlorocyclopentadiene	12.818	237	307506	102.75	ng		100
43) 2,4,6-Trichlorophenol	13.082	196	162280	43.23	ng		93

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44) 2,4,5-Trichlorophenol	13.153	196	172178	45.17	ng	#	94
46) 1,1'-Biphenyl	13.482	154	512470	42.80	ng		95
47) 2-Chloronaphthalene	13.523	162	401033	41.06	ng		98
48) 2-Nitroaniline	13.723	65	137957	42.62	ng	#	75
49) Acenaphthylene	14.369	152	613515	42.95	ng		98
50) Dimethylphthalate	14.099	163	545082	42.20	ng		98
51) 2,6-Dinitrotoluene	14.216	165	123656	46.16	ng	#	71
52) Acenaphthene	14.710	154	385126	42.17	ng		97
53) 3-Nitroaniline	14.545	138	97462	36.55	ng		83
54) 2,4-Dinitrophenol	14.757	184	150131	87.36	ng	#	70
55) Dibenzofuran	15.045	168	645603	43.00	ng		97
56) 4-Nitrophenol	14.869	139	201186	97.41	ng	#	68
57) 2,4-Dinitrotoluene	15.004	165	180441	46.13	ng	#	82
58) Fluorene	15.691	166	533861	44.23	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.268	232	184286	46.05	ng	#	97
60) Diethylphthalate	15.456	149	555580	43.55	ng		96
61) 4-Chlorophenyl-phenyle...	15.679	204	308373	43.15	ng		98
62) 4-Nitroaniline	15.715	138	121445	42.41	ng	#	54
63) Azobenzene	15.973	77	507641	44.40	ng		90
65) 4,6-Dinitro-2-methylph...	15.773	198	119071	47.07	ng		89
66) n-Nitrosodiphenylamine	15.897	169	496178	44.33	ng		99
67) 4-Bromophenyl-phenylether	16.578	248	221137	43.52	ng		99
68) Hexachlorobenzene	16.696	284	236757	42.88	ng		96
69) Atrazine	16.843	200	179063	37.40	ng		98
70) Pentachlorophenol	17.043	266	275245	91.48	ng		97
71) Phenanthrene	17.436	178	910064	43.10	ng		98
72) Anthracene	17.524	178	929337	45.31	ng		98
73) Carbazole	17.795	167	799646	44.16	ng		98
74) Di-n-butylphthalate	18.347	149	963124	43.49	ng	#	97
75) Fluoranthene	19.440	202	1148869	42.72	ng		97
77) Benzidine	19.616	184	524380	42.87	ng		99
78) Pyrene	19.804	202	1130391	44.51	ng		99
80) Butylbenzylphthalate	20.685	149	417643	43.59	ng		92
81) Benzo(a)anthracene	21.631	228	1127603	43.62	ng		97
82) 3,3'-Dichlorobenzidine	21.549	252	357072	39.92	ng		98
83) Chrysene	21.702	228	1088782	43.76	ng		98
84) Bis(2-ethylhexyl)phtha...	21.531	149	601902	44.91	ng		97
85) Di-n-octyl phthalate	22.730	149	1014927	45.06	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.506	276	1282313	44.91	ng	#	88
88) Benzo(b)fluoranthene	23.840	252	1159732	45.17	ng	#	97
89) Benzo(k)fluoranthene	23.905	252	1133952	45.21	ng	#	97
90) Benzo(a)pyrene	24.704	252	1048632	43.76	ng	#	97
91) Dibenzo(a,h)anthracene	28.558	278	1057057	45.49	ng	#	95
92) Benzo(g,h,i)perylene	29.651	276	1077047	46.74	ng	#	92

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

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