Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
Data File : BG047227.D
Acq On : 5 Nov 2020 20:22
Operator : CG/JU
Sample : PB132852BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 02:18:30 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 :
PB132852BS

Manual Integrations APPROVED
mohammad
11/6/2020 10:32:16 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.003	152	52652	20.00	ng		0.00
21) Naphthalene-d8	10.818	136	225624	20.00	ng	#	0.00
39) Acenaphthene-d10	14.643	164	165545	20.00	ng		0.00
64) Phenanthrene-d10	17.386	188	417020	20.00	ng	#	0.00
76) Chrysene-d12	21.646	240	431329	20.00	ng	#	0.00
86) Perylene-d12	24.837	264	445155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.559	112	436071	134.25	ng		0.00
7) Phenol-d6	7.163	99	603742	128.40	ng		0.00
23) Nitrobenzene-d5	9.173	82	389883	74.16	ng		0.00
42) 2,4,6-Tribromophenol	16.129	330	336581	121.42	ng		0.00
45) 2-Fluorobiphenyl	13.268	172	930458	72.09	ng		0.00
79) Terphenyl-d14	19.995	244	1716026	69.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.426	88	47042	29.24	ng	#	90
3) Pyridine	3.826	79	141949	32.99	ng		98
4) n-Nitrosodimethylamine	3.744	42	90282	41.85	ng	#	71
6) Aniline	7.328	93	219121	39.48	ng		94
8) 2-Chlorophenol	7.569	128	161055	46.70	ng		93
9) Benzaldehyde	7.140	77	54501	17.23	ng		89
10) Phenol	7.192	94	210410	47.17	ng		75
11) bis(2-Chloroethyl)ether	7.422	93	148891	42.08	ng		96
12) 1,3-Dichlorobenzene	7.898	146	180657	40.25	ng	#	95
13) 1,4-Dichlorobenzene	8.039	146	181075	40.17	ng		98
14) 1,2-Dichlorobenzene	8.362	146	176306	41.24	ng		96
15) Benzyl Alcohol	8.238	79	171365	47.42	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.526	45	223030	40.84	ng		98
17) 2-Methylphenol	8.444	107	143604	47.57	ng	#	89
18) Hexachloroethane	9.096	117	66730	40.43	ng		95
19) n-Nitroso-di-n-propyla...	8.808	70	135073	43.72	ng		95
20) 3+4-Methylphenols	8.773	107	197375	48.81	ng		92
22) Acetophenone	8.826	105	250601	38.52	ng		92
24) Nitrobenzene	9.214	77	206561	38.61	ng	#	85
25) Isophorone	9.737	82	364470	40.46	ng		94
26) 2-Nitrophenol	9.925	139	94614	41.01	ng	#	69
27) 2,4-Dimethylphenol	9.977	122	154811	49.97	ng		92
28) bis(2-Chloroethoxy)met...	10.218	93	206191	37.82	ng		98
29) 2,4-Dichlorophenol	10.459	162	181753	42.46	ng		97
30) 1,2,4-Trichlorobenzene	10.677	180	194932	36.94	ng		100
31) Naphthalene	10.865	128	494052	38.24	ng		100
32) Benzoic acid	10.124	122	96357	36.51	ng	#	85
33) 4-Chloroaniline	10.970	127	130257	23.97	ng	#	92
34) Hexachlorobutadiene	11.153	225	136934	34.30	ng		97
35) Caprolactam	11.740	113	59321m	42.41	ng		
36) 4-Chloro-3-methylphenol	12.093	107	190653	43.70	ng		92
37) 2-Methylnaphthalene	12.469	142	380814	39.23	ng	#	95
38) 1-Methylnaphthalene	12.692	142	361806	39.22	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.839	216	252873	38.69	ng	#	98
41) Hexachlorocyclopentadiene	12.821	237	334073	98.62	ng		97
43) 2,4,6-Trichlorophenol	13.074	196	171916	40.46	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.144	196	176900	41.00	ng	#	93
46) 1,1'-Biphenyl	13.479	154	525278	38.76	ng		97
47) 2-Chloronaphthalene	13.520	162	413718	37.42	ng		98
48) 2-Nitroaniline	13.720	65	144176	39.35	ng	#	81
49) Acenaphthylene	14.366	152	635268	39.29	ng		98
50) Dimethylphthalate	14.096	163	565463	38.68	ng		100
51) 2,6-Dinitrotoluene	14.214	165	126397	41.68	ng	#	74
52) Acenaphthene	14.707	154	408460	39.51	ng		98
53) 3-Nitroaniline	14.543	138	85613	28.36	ng		81
54) 2,4-Dinitrophenol	14.754	184	174757	89.83	ng	#	77
55) Dibenzofuran	15.042	168	671029	39.48	ng		97
56) 4-Nitrophenol	14.854	139	203818	87.18	ng	#	61
57) 2,4-Dinitrotoluene	15.001	165	183309	41.40	ng	#	83
58) Fluorene	15.688	166	550184	40.27	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.265	232	188368m	41.58	ng		
60) Diethylphthalate	15.453	149	568086	39.34	ng		97
61) 4-Chlorophenyl-phenyle...	15.683	204	316038	39.07	ng		100
62) 4-Nitroaniline	15.712	138	124129	38.29	ng	#	65
63) Azobenzene	15.970	77	518038	40.03	ng		90
65) 4,6-Dinitro-2-methylph...	15.765	198	130260	44.93	ng		86
66) n-Nitrosodiphenylamine	15.894	169	504611	39.34	ng		99
67) 4-Bromophenyl-phenylether	16.576	248	220326	37.83	ng		97
68) Hexachlorobenzene	16.693	284	237699	37.56	ng		97
69) Atrazine	16.840	200	184029	33.54	ng		97
70) Pentachlorophenol	17.034	266	302665	87.77	ng		99
71) Phenanthrene	17.428	178	934602	38.62	ng		99
72) Anthracene	17.522	178	965571	41.07	ng		96
73) Carbazole	17.786	167	824988	39.75	ng		99
74) Di-n-butylphthalate	18.344	149	1001730	39.47	ng	#	98
75) Fluoranthene	19.437	202	1228941	39.87	ng		97
77) Benzidine	19.613	184	502439	34.73	ng		99
78) Pyrene	19.801	202	1212602	40.37	ng		99
80) Butylbenzylphthalate	20.683	149	450577	39.76	ng		96
81) Benzo(a)anthracene	21.629	228	1217648	39.82	ng		98
82) 3,3'-Dichlorobenzidine	21.540	252	331553	31.34	ng		99
83) Chrysene	21.693	228	1156004	39.28	ng		99
84) Bis(2-ethylhexyl)phtha...	21.529	149	645294	40.71	ng		96
85) Di-n-octyl phthalate	22.727	149	1096643	41.16	ng		96
87) Indeno(1,2,3-cd)pyrene	28.479	276	1433250	42.42	ng	#	88
88) Benzo(b)fluoranthene	23.826	252	1280801	42.14	ng	#	97
89) Benzo(k)fluoranthene	23.896	252	1210004	40.76	ng	#	96
90) Benzo(a)pyrene	24.690	252	1134507	40.00	ng	#	97
91) Dibenzo(a,h)anthracene	28.538	278	1162961	42.29	ng	#	95
92) Benzo(g,h,i)perylene	29.625	276	1179446	43.25	ng	#	91

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

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