Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
Data File : BG047887.D
Acq On : 8 Jan 2021 15:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 08 16:11:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/11/2021 10:26:45 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.168	152	37059	20.00	ng	#	0.00
21) Naphthalene-d8	10.988	136	135875	20.00	ng	#	0.00
39) Acenaphthene-d10	14.795	164	104854	20.00	ng		0.00
64) Phenanthrene-d10	17.533	188	266110	20.00	ng	#	0.00
76) Chrysene-d12	21.817	240	257374	20.00	ng	#	0.00
86) Perylene-d12	25.136	264	266612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.753	112	185045	86.38	ng		0.00
7) Phenol-d6	7.398	99	274576	87.68	ng		0.00
23) Nitrobenzene-d5	9.337	82	321773	87.10	ng		0.00
42) 2,4,6-Tribromophenol	16.288	330	158734	88.68	ng		0.00
45) 2-Fluorobiphenyl	13.421	172	741981	91.57	ng		0.00
79) Terphenyl-d14	20.124	244	1419176	90.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.503	88	33600	36.51	ng	#	79
3) Pyridine	3.926	79	89564	37.71	ng	#	84
4) n-Nitrosodimethylamine	3.832	42	67471	35.90	ng	#	46
6) Aniline	7.475	93	150954	43.46	ng	#	93
8) 2-Chlorophenol	7.757	128	94255	43.16	ng		96
9) Benzaldehyde	7.292	77	82214	40.06	ng		85
10) Phenol	7.428	94	134112	47.23	ng	#	58
11) bis(2-Chloroethyl)ether	7.569	93	85560	42.29	ng		99
12) 1,3-Dichlorobenzene	8.056	146	117124	39.79	ng	#	86
13) 1,4-Dichlorobenzene	8.197	146	117213	39.85	ng		94
14) 1,2-Dichlorobenzene	8.526	146	110601	39.99	ng		95
15) Benzyl Alcohol	8.409	79	116353	41.94	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.691	45	80217	39.91	ng	#	1
17) 2-Methylphenol	8.673	107	84474	42.17	ng	#	76
18) Hexachloroethane	9.261	117	45399	39.37	ng		90
19) n-Nitroso-di-n-propyla...	8.973	70	87740	40.26	ng		94
20) 3+4-Methylphenols	9.002	107	116528	42.46	ng	#	48
22) Acetophenone	8.990	105	162953	41.91	ng	#	86
24) Nitrobenzene	9.378	77	140544	40.31	ng	#	85
25) Isophorone	9.907	82	236673	42.49	ng	#	93
26) 2-Nitrophenol	10.101	139	60177	43.63	ng	#	58
27) 2,4-Dimethylphenol	10.195	122	91083	45.87	ng		93
28) bis(2-Chloroethoxy)met...	10.383	93	112937	39.22	ng		99
29) 2,4-Dichlorophenol	10.712	162	104967	40.60	ng		92
30) 1,2,4-Trichlorobenzene	10.853	180	134685	40.60	ng		97
31) Naphthalene	11.041	128	308097	41.26	ng		99
32) Benzoic acid	10.365	122	50112	48.07	ng	#	77
33) 4-Chloroaniline	11.147	127	131264	41.37	ng	#	90
34) Hexachlorobutadiene	11.323	225	109730	37.51	ng		99
35) Caprolactam	11.916	113	33546	40.85	ng	#	85
36) 4-Chloro-3-methylphenol	12.339	107	122040	43.19	ng	#	84
37) 2-Methylnaphthalene	12.639	142	238994	41.26	ng	#	90
38) 1-Methylnaphthalene	12.851	142	225384	41.16	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.003	216	179171	41.63	ng	#	98
41) Hexachlorocyclopentadiene	12.980	237	121953	52.34	ng		97
43) 2,4,6-Trichlorophenol	13.262	196	111892	40.69	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.426	196	119355	43.87	ng	#	93
46) 1,1'-Biphenyl	13.632	154	325590	40.69	ng		97
47) 2-Chloronaphthalene	13.679	162	257887	39.64	ng		95
48) 2-Nitroaniline	13.885	65	95117	39.56	ng	#	76
49) Acenaphthylene	14.519	152	403264	41.76	ng		96
50) Dimethylphthalate	14.243	163	366441	40.54	ng		99
51) 2,6-Dinitrotoluene	14.366	165	78322	42.63	ng	#	62
52) Acenaphthene	14.860	154	291185m	42.75	ng		
53) 3-Nitroaniline	14.701	138	72700	39.93	ng	#	71
54) 2,4-Dinitrophenol	14.907	184	53589	45.53	ng	#	54
55) Dibenzofuran	15.195	168	415406	42.07	ng	#	82
56) 4-Nitrophenol	15.195	139	230433	175.56	ng	#	35
57) 2,4-Dinitrotoluene	15.148	165	117468	43.01	ng	#	67
58) Fluorene	15.841	166	347596	41.45	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.442	232	116434	41.90	ng	#	97
60) Diethylphthalate	15.594	149	367018	42.12	ng		96
61) 4-Chlorophenyl-phenyle...	15.824	204	218679	41.38	ng		95
62) 4-Nitroaniline	15.865	138	79972	39.93	ng	#	35
63) Azobenzene	16.117	77	328953	40.49	ng		88
65) 4,6-Dinitro-2-methylph...	15.912	198	80504	47.35	ng		88
66) n-Nitrosodiphenylamine	16.041	169	322084	42.30	ng		92
67) 4-Bromophenyl-phenylether	16.717	248	147221	41.17	ng	#	92
68) Hexachlorobenzene	16.840	284	159572	41.14	ng	#	92
69) Atrazine	16.981	200	122827	38.40	ng		95
70) Pentachlorophenol	17.204	266	78274	39.35	ng		94
71) Phenanthrene	17.580	178	596934	41.61	ng		96
72) Anthracene	17.668	178	598592	43.03	ng		96
73) Carbazole	17.939	167	512863	42.11	ng		97
74) Di-n-butylphthalate	18.473	149	598060	41.66	ng	#	96
75) Fluoranthene	19.578	202	778504	40.48	ng		93
77) Benzidine	19.748	184	237379	34.30	ng		98
78) Pyrene	19.936	202	765350	41.51	ng		96
80) Butylbenzylphthalate	20.806	149	249837	39.51	ng	#	85
81) Benzo(a)anthracene	21.793	228	749183	40.52	ng		97
82) 3,3'-Dichlorobenzidine	21.699	252	280288	43.08	ng	#	99
83) Chrysene	21.864	228	699254	40.05	ng		100
84) Bis(2-ethylhexyl)phtha...	21.670	149	356355	40.89	ng		96
85) Di-n-octyl phthalate	22.915	149	597357	40.42	ng		97
87) Indeno(1,2,3-cd)pyrene	28.979	276	836060	41.30	ng	#	84
88) Benzo(b)fluoranthene	24.084	252	752711	40.95	ng	#	94
89) Benzo(k)fluoranthene	24.155	252	731694	41.06	ng	#	94
90) Benzo(a)pyrene	24.989	252	699745	40.91	ng	#	95
91) Dibenzo(a,h)anthracene	29.038	278	687963	41.95	ng	#	92
92) Benzo(g,h,i)perylene	30.166	276	680710	42.44	ng	#	87

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

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