Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048440.D
Acq On : 22 Mar 2021 10:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 22 11:22:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 11:22:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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3/23/2021 11:20:04 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	59319	20.00	ng	# 0.00
21) Naphthalene-d8	10.929	136	214135	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	157952	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	381149	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	368405	20.00	ng	# 0.00
86) Perylene-d12	25.124	264	375349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	283321	78.98	ng	0.00
7) Phenol-d6	7.251	99	421660	80.78	ng	0.00
23) Nitrobenzene-d5	9.272	82	427100	79.75	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	197356	76.83	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	874910	79.68	ng	0.00
79) Terphenyl-d14	20.106	244	1589964	77.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.526	88	56686	37.46	ng	# 89
3) Pyridine	3.931	79	171339	40.61	ng	90
4) n-Nitrosodimethylamine	3.843	42	96471	39.35	ng	# 63
6) Aniline	7.421	93	242717	39.32	ng	90
8) 2-Chlorophenol	7.662	128	151015	40.37	ng	94
9) Benzaldehyde	7.239	77	116861	41.28	ng	# 80
10) Phenol	7.274	94	208666	39.01	ng	72
11) bis(2-Chloroethyl)ether	7.515	93	149359	39.85	ng	96
12) 1,3-Dichlorobenzene	7.997	146	177734	39.94	ng	# 90
13) 1,4-Dichlorobenzene	8.138	146	175440	39.72	ng	94
14) 1,2-Dichlorobenzene	8.461	146	168306m	39.72	ng	
15) Benzyl Alcohol	8.338	79	183190	39.53	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.632	45	164376	38.36	ng	86
17) 2-Methylphenol	8.537	107	131385	38.74	ng	# 88
18) Hexachloroethane	9.201	117	67019	39.44	ng	98
19) n-Nitroso-di-n-propyla...	8.914	70	147984	38.20	ng	97
20) 3+4-Methylphenols	8.872	107	187292	40.31	ng	86
22) Acetophenone	8.931	105	236033	39.19	ng	# 92
24) Nitrobenzene	9.313	77	225722	39.34	ng	# 82
25) Isophorone	9.842	82	395058	38.54	ng	# 93
26) 2-Nitrophenol	10.030	139	87512	40.13	ng	# 72
27) 2,4-Dimethylphenol	10.083	122	136929	40.24	ng	93
28) bis(2-Chloroethoxy)met...	10.324	93	181306	39.02	ng	99
29) 2,4-Dichlorophenol	10.565	162	162517	41.16	ng	93
30) 1,2,4-Trichlorobenzene	10.788	180	186656	39.11	ng	89
31) Naphthalene	10.976	128	471405	39.71	ng	99
32) Benzoic acid	10.200	122	103780	39.19	ng	# 86
33) 4-Chloroaniline	11.082	127	197782	38.96	ng	# 87
34) Hexachlorobutadiene	11.264	225	144870	38.29	ng	95
35) Caprolactam	11.857	113	54005	38.31	ng	# 85
36) 4-Chloro-3-methylphenol	12.192	107	177921	38.82	ng	87
37) 2-Methylnaphthalene	12.580	142	355251	39.20	ng	# 94
38) 1-Methylnaphthalene	12.797	142	331644m	38.91	ng	
40) 1,2,4,5-Tetrachloroben...	12.944	216	229298	39.76	ng	# 98
41) Hexachlorocyclopentadiene	12.921	237	146473	39.28	ng	98
43) 2,4,6-Trichlorophenol	13.179	196	159813	40.88	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	163204	37.93	ng	#	93
46) 1,1'-Biphenyl	13.585	154	453426	40.00	ng		97
47) 2-Chloronaphthalene	13.626	162	365581	40.00	ng		93
48) 2-Nitroaniline	13.820	65	134851	39.86	ng	#	75
49) Acenaphthylene	14.472	152	577667	39.03	ng		98
50) Dimethylphthalate	14.196	163	500020	38.90	ng		99
51) 2,6-Dinitrotoluene	14.313	165	110557	39.96	ng	#	59
52) Acenaphthene	14.813	154	389291	39.14	ng		97
53) 3-Nitroaniline	14.642	138	106538	40.22	ng	#	77
54) 2,4-Dinitrophenol	14.848	184	64787	38.37	ng	#	72
55) Dibenzofuran	15.147	168	586852	39.61	ng		93
56) 4-Nitrophenol	14.936	139	92208	38.90	ng	#	42
57) 2,4-Dinitrotoluene	15.100	165	158756	40.41	ng	#	74
58) Fluorene	15.794	166	485959	39.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	162541	38.28	ng		94
60) Diethylphthalate	15.559	149	476671	37.93	ng		97
61) 4-Chlorophenyl-phenyle...	15.782	204	280302	39.19	ng		98
62) 4-Nitroaniline	15.805	138	114769	39.55	ng	#	54
63) Azobenzene	16.076	77	520305	38.05	ng		87
65) 4,6-Dinitro-2-methylph...	15.864	198	97950	40.81	ng		79
66) n-Nitrosodiphenylamine	15.999	169	447643	40.54	ng		95
67) 4-Bromophenyl-phenylether	16.681	248	192717	40.15	ng		95
68) Hexachlorobenzene	16.798	284	203605	39.58	ng		96
69) Atrazine	16.945	200	178548	40.20	ng		97
70) Pentachlorophenol	17.139	266	140352	41.05	ng		98
71) Phenanthrene	17.539	178	792106	39.34	ng		99
72) Anthracene	17.633	178	802362	40.17	ng		97
73) Carbazole	17.897	167	750059	39.37	ng		99
74) Di-n-butylphthalate	18.455	149	825110	39.13	ng	#	97
75) Fluoranthene	19.548	202	1034587	38.59	ng		96
77) Benzidine	19.724	184	454440	41.18	ng		99
78) Pyrene	19.912	202	1040584	41.12	ng		97
80) Butylbenzylphthalate	20.794	149	362420	40.30	ng	#	88
81) Benzo(a)anthracene	21.769	228	1015142	39.73	ng		99
82) 3,3'-Dichlorobenzidine	21.681	252	366262	39.72	ng	#	99
83) Chrysene	21.840	228	984715	40.20	ng		99
84) Bis(2-ethylhexyl)phtha...	21.669	149	496912	39.99	ng		97
85) Di-n-octyl phthalate	22.927	149	818995	39.36	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.949	276	1113477	38.90	ng	#	88
88) Benzo(b)fluoranthene	24.060	252	1005939	38.03	ng	#	97
89) Benzo(k)fluoranthene	24.131	252	989042	39.63	ng	#	97
90) Benzo(a)pyrene	24.971	252	932045	38.65	ng	#	96
91) Dibenzo(a,h)anthracene	29.019	278	947402	38.80	ng	#	94
92) Benzo(g,h,i)perylene	30.147	276	918221	38.75	ng	#	91

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

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