Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031621\
Data File : BG048387.D
Acq On : 16 Mar 2021 12:07
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 16 14:20:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 14:17:30 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
3/17/2021 10:51:13 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	48931	20.00	ng	#	0.00
21) Naphthalene-d8	10.936	136	186790	20.00	ng	#	0.00
39) Acenaphthene-d10	14.755	164	140004	20.00	ng		0.00
64) Phenanthrene-d10	17.505	188	347782	20.00	ng	#	0.00
76) Chrysene-d12	21.800	240	375833	20.00	ng	#	0.00
86) Perylene-d12	25.137	264	386753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.654	112	131314	45.68	ng		0.00
7) Phenol-d6	7.252	99	189762	43.45	ng		0.00
23) Nitrobenzene-d5	9.279	82	179646	40.68	ng		0.00
42) 2,4,6-Tribromophenol	16.242	330	78444	35.03	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	418258	41.88	ng		0.00
79) Terphenyl-d14	20.108	244	860417	41.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.539	88	30100	22.85	ng	#	93
3) Pyridine	3.944	79	82675	22.70	ng		89
4) n-Nitrosodimethylamine	3.856	42	46870	24.24	ng	#	63
6) Aniline	7.429	93	115320	22.10	ng	#	84
8) 2-Chlorophenol	7.669	128	67117	21.26	ng	#	81
9) Benzaldehyde	7.246	77	64465	20.84	ng	#	76
10) Phenol	7.282	94	99094	22.44	ng		75
11) bis(2-Chloroethyl)ether	7.523	93	69273	20.14	ng		96
12) 1,3-Dichlorobenzene	8.004	146	81064	22.23	ng	#	87
13) 1,4-Dichlorobenzene	8.151	146	82749	22.50	ng		93
14) 1,2-Dichlorobenzene	8.474	146	76063m	21.74	ng		
15) Benzyl Alcohol	8.345	79	81749	21.24	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.633	45	84002	18.83	ng		93
17) 2-Methylphenol	8.545	107	62984	21.87	ng	#	86
18) Hexachloroethane	9.209	117	29314	20.90	ng		97
19) n-Nitroso-di-n-propyla...	8.921	70	72313	21.45	ng	#	93
20) 3+4-Methylphenols	8.874	107	83314	20.76	ng		86
22) Acetophenone	8.939	105	113790	21.22	ng	#	85
24) Nitrobenzene	9.326	77	97457	20.68	ng	#	76
25) Isophorone	9.843	82	196241	22.41	ng	#	88
26) 2-Nitrophenol	10.031	139	29774	15.28	ng	#	84
27) 2,4-Dimethylphenol	10.084	122	62238	22.19	ng		87
28) bis(2-Chloroethoxy)met...	10.331	93	88566	20.69	ng	#	97
29) 2,4-Dichlorophenol	10.566	162	67650	18.86	ng		90
30) 1,2,4-Trichlorobenzene	10.795	180	85205	20.89	ng		95
31) Naphthalene	10.989	128	218514	21.19	ng		100
32) Benzoic acid	10.172	122	35328	20.56	ng	#	85
33) 4-Chloroaniline	11.089	127	95437	21.34	ng	#	89
34) Hexachlorobutadiene	11.271	225	65293	21.40	ng		95
35) Caprolactam	11.841	113	24039	20.23	ng		90
36) 4-Chloro-3-methylphenol	12.194	107	83108	20.95	ng	#	79
37) 2-Methylnaphthalene	12.587	142	169361	21.12	ng	#	93
38) 1-Methylnaphthalene	12.805	142	158592	20.91	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.951	216	109092	21.82	ng	#	98
41) Hexachlorocyclopentadiene	12.934	237	57760	18.94	ng		98
43) 2,4,6-Trichlorophenol	13.181	196	63063	17.55	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	70675	18.24	ng	#	90
46) 1,1'-Biphenyl	13.586	154	216963	21.63	ng		96
47) 2-Chloronaphthalene	13.633	162	174771	20.47	ng		97
48) 2-Nitroaniline	13.827	65	45093	14.72	ng		85
49) Acenaphthylene	14.479	152	280468	21.24	ng		97
50) Dimethylphthalate	14.203	163	238997	20.42	ng		96
51) 2,6-Dinitrotoluene	14.315	165	41545	15.79	ng	#	50
52) Acenaphthene	14.820	154	183263	20.50	ng		97
53) 3-Nitroaniline	14.644	138	45384	17.56	ng	#	81
54) 2,4-Dinitrophenol	14.843	184	25119	14.67	ng	#	71
55) Dibenzofuran	15.149	168	282938	20.24	ng	#	90
56) 4-Nitrophenol	14.937	139	39460	18.63	ng	#	62
57) 2,4-Dinitrotoluene	15.102	165	57287	15.07	ng	#	69
58) Fluorene	15.801	166	235772	21.26	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.366	232	68058	17.53	ng	#	92
60) Diethylphthalate	15.560	149	235842	19.70	ng	#	92
61) 4-Chlorophenyl-phenyle...	15.795	204	135540	20.30	ng		95
62) 4-Nitroaniline	15.807	138	49307	18.35	ng	#	54
63) Azobenzene	16.083	77	274425	22.98	ng		85
65) 4,6-Dinitro-2-methylph...	15.866	198	33131	13.13	ng		86
66) n-Nitrosodiphenylamine	16.001	169	214593	21.33	ng		99
67) 4-Bromophenyl-phenylether	16.688	248	92030	20.64	ng	#	92
68) Hexachlorobenzene	16.806	284	96113	20.90	ng	#	92
69) Atrazine	16.947	200	82382	19.70	ng		98
70) Pentachlorophenol	17.147	266	54357	17.97	ng		98
71) Phenanthrene	17.546	178	397726	21.06	ng		98
72) Anthracene	17.634	178	392973	20.96	ng		97
73) Carbazole	17.905	167	370353	20.88	ng		97
74) Di-n-butylphthalate	18.463	149	391251	19.91	ng	#	96
75) Fluoranthene	19.556	202	532168	21.65	ng		94
77) Benzidine	19.726	184	214983	17.51	ng		98
78) Pyrene	19.914	202	538550	20.52	ng		96
80) Butylbenzylphthalate	20.801	149	166055	18.06	ng	#	87
81) Benzo(a)anthracene	21.776	228	563327	21.49	ng		97
82) 3,3'-Dichlorobenzidine	21.688	252	192094	20.46	ng	#	97
83) Chrysene	21.847	228	540040	21.56	ng		98
84) Bis(2-ethylhexyl)phtha...	21.682	149	247212	19.14	ng	#	94
85) Di-n-octyl phthalate	22.940	149	406575	18.49	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.956	276	627856	21.42	ng	#	85
88) Benzo(b)fluoranthene	24.074	252	570963	21.35	ng	#	97
89) Benzo(k)fluoranthene	24.138	252	556062	21.80	ng	#	96
90) Benzo(a)pyrene	24.979	252	543110	21.90	ng	#	94
91) Dibenzo(a,h)anthracene	29.033	278	535612	21.43	ng	#	94
92) Benzo(g,h,i)perylene	30.143	276	522020	21.49	ng	#	93

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

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