Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047949.D
Acq On : 21 Jan 2021 11:32
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 21 12:42:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 12:32:30 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:06 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.150	152	42148	20.00	ng		0.00
21) Naphthalene-d8	10.964	136	171460	20.00	ng	#	0.00
39) Acenaphthene-d10	14.771	164	127441	20.00	ng		0.00
64) Phenanthrene-d10	17.515	188	324122	20.00	ng		0.00
76) Chrysene-d12	21.798	240	330229	20.00	ng	#	0.00
86) Perylene-d12	25.106	264	336493	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	190198	82.08	ng		0.00
7) Phenol-d6	7.292	99	292180	82.50	ng		0.00
23) Nitrobenzene-d5	9.313	82	281570	80.58	ng		0.00
42) 2,4,6-Tribromophenol	16.252	330	147984	87.44	ng		0.00
45) 2-Fluorobiphenyl	13.396	172	677423	70.76	ng		0.00
79) Terphenyl-d14	20.118	244	1308319	73.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.590	88	44128	35.12	ng	#	87
3) Pyridine	3.990	79	133151	36.06	ng	#	90
4) n-Nitrosodimethylamine	3.902	42	67064	36.13	ng	#	73
6) Aniline	7.468	93	173269	38.05	ng		93
8) 2-Chlorophenol	7.709	128	99080	42.71	ng		88
9) Benzaldehyde	7.280	77	85288	36.67	ng		85
10) Phenol	7.315	94	134942	39.92	ng	#	67
11) bis(2-Chloroethyl)ether	7.562	93	108124	37.65	ng		89
12) 1,3-Dichlorobenzene	8.038	146	125557	37.17	ng	#	89
13) 1,4-Dichlorobenzene	8.185	146	125242	37.53	ng		97
14) 1,2-Dichlorobenzene	8.508	146	118703m	37.17	ng		
15) Benzyl Alcohol	8.379	79	123543	44.79	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.678	45	186557	37.26	ng		98
17) 2-Methylphenol	8.578	107	93274	42.35	ng	#	87
18) Hexachloroethane	9.242	117	48576	42.94	ng		94
19) n-Nitroso-di-n-propyla...	8.954	70	104051	40.04	ng	#	94
20) 3+4-Methylphenols	8.907	107	128063	43.37	ng		87
22) Acetophenone	8.972	105	179125	35.36	ng	#	91
24) Nitrobenzene	9.354	77	139223	38.49	ng	#	87
25) Isophorone	9.877	82	262717	37.44	ng	#	93
26) 2-Nitrophenol	10.065	139	52865	54.09	ng	#	75
27) 2,4-Dimethylphenol	10.118	122	87616	39.92	ng		85
28) bis(2-Chloroethoxy)met...	10.359	93	157260	36.67	ng		97
29) 2,4-Dichlorophenol	10.600	162	109569	42.41	ng		95
30) 1,2,4-Trichlorobenzene	10.823	180	136981	35.17	ng		95
31) Naphthalene	11.017	128	336676	35.13	ng		99
32) Benzoic acid	10.229	122	69735	55.93	ng	#	76
33) 4-Chloroaniline	11.111	127	148524	35.66	ng	#	90
34) Hexachlorobutadiene	11.305	225	103634	35.33	ng		98
35) Caprolactam	11.875	113	41077	42.98	ng	#	78
36) 4-Chloro-3-methylphenol	12.215	107	126478	43.31	ng		85
37) 2-Methylnaphthalene	12.609	142	258558	36.10	ng	#	95
38) 1-Methylnaphthalene	12.826	142	240646	35.74	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.973	216	172117	35.05	ng	#	98
41) Hexachlorocyclopentadiene	12.956	237	94654	46.44	ng		96
43) 2,4,6-Trichlorophenol	13.202	196	112720	46.76	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.273	196	116168	45.43	ng	#	93
46) 1,1'-Biphenyl	13.608	154	343833	35.53	ng		99
47) 2-Chloronaphthalene	13.649	162	277585	34.97	ng		96
48) 2-Nitroaniline	13.843	65	100766	53.16	ng	#	76
49) Acenaphthylene	14.495	152	438228	36.18	ng		97
50) Dimethylphthalate	14.219	163	396568	41.73	ng		98
51) 2,6-Dinitrotoluene	14.336	165	77379	44.60	ng	#	69
52) Acenaphthene	14.836	154	287567	36.54	ng		100
53) 3-Nitroaniline	14.660	138	82135	40.60	ng	#	77
54) 2,4-Dinitrophenol	14.865	184	43303	48.81	ng	#	80
55) Dibenzofuran	15.165	168	429753	35.63	ng		95
56) 4-Nitrophenol	14.953	139	65383	42.10	ng	#	57
57) 2,4-Dinitrotoluene	15.118	165	108636	45.22	ng	#	78
58) Fluorene	15.817	166	368485	36.26	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.388	232	119104	47.64	ng	#	96
60) Diethylphthalate	15.582	149	388730	42.42	ng		96
61) 4-Chlorophenyl-phenyle...	15.805	204	223638	36.57	ng		96
62) 4-Nitroaniline	15.823	138	91749	39.80	ng	#	66
63) Azobenzene	16.099	77	375548	35.87	ng		90
65) 4,6-Dinitro-2-methylph...	15.882	198	57691	49.78	ng		94
66) n-Nitrosodiphenylamine	16.017	169	334912	36.04	ng		97
67) 4-Bromophenyl-phenylether	16.698	248	150828	35.79	ng		95
68) Hexachlorobenzene	16.816	284	163426	35.93	ng		97
69) Atrazine	16.963	200	128635	44.15	ng		94
70) Pentachlorophenol	17.157	266	98231	44.82	ng		98
71) Phenanthrene	17.556	178	618140	35.09	ng		98
72) Anthracene	17.644	178	612465	35.79	ng		99
73) Carbazole	17.909	167	551316	35.86	ng		98
74) Di-n-butylphthalate	18.473	149	666144	43.47	ng	#	97
75) Fluoranthene	19.560	202	821794	35.20	ng		95
77) Benzidine	19.730	184	345639	47.58	ng		99
78) Pyrene	19.918	202	816568	36.24	ng		97
80) Butylbenzylphthalate	20.805	149	294362	53.10	ng		92
81) Benzo(a)anthracene	21.775	228	817036	35.98	ng		98
82) 3,3'-Dichlorobenzidine	21.687	252	284937	41.32	ng	#	96
83) Chrysene	21.845	228	786429	35.96	ng		99
84) Bis(2-ethylhexyl)phtha...	21.687	149	407462	48.78	ng		96
85) Di-n-octyl phthalate	22.938	149	698367	52.68	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.896	276	961210	38.64	ng	#	89
88) Benzo(b)fluoranthene	24.060	252	827091	37.01	ng	#	96
89) Benzo(k)fluoranthene	24.125	252	815451	37.75	ng	#	97
90) Benzo(a)pyrene	24.953	252	783515	37.69	ng	#	98
91) Dibenzo(a,h)anthracene	28.966	278	780458	38.93	ng	#	96
92) Benzo(g,h,i)perylene	30.071	276	760513	37.64	ng	#	96

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

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