Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033021\
Data File : BG048519.D
Acq On : 30 Mar 2021 21:26
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 00:56:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 00:52:27 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.096	152	22316	20.00	ng		0.00
21) Naphthalene-d8	10.922	136	86688	20.00	ng		# 0.00
39) Acenaphthene-d10	14.753	164	61558	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	145837	20.00	ng		# 0.00
76) Chrysene-d12	21.804	240	130735	20.00	ng		0.00
86) Perylene-d12	25.141	264	137175	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	196910	145.92	ng		0.00
7) Phenol-d6	7.250	99	289455	147.41	ng		0.00
23) Nitrobenzene-d5	9.271	82	289410	133.49	ng		0.00
42) 2,4,6-Tribromophenol	16.246	330	139837	139.68	ng		0.00
45) 2-Fluorobiphenyl	13.372	172	673710	157.44	ng		0.00
79) Terphenyl-d14	20.118	244	1147832	158.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.508	88	37818	66.42	ng		95
3) Pyridine	3.913	79	108420m	68.31	ng		
4) n-Nitrosodimethylamine	3.825	42	67602	73.29	ng	#	97
6) Aniline	7.421	93	159874	68.84	ng		97
8) 2-Chlorophenol	7.662	128	109563	77.86	ng		96
9) Benzaldehyde	7.227	77	79282	64.05	ng		98
10) Phenol	7.280	94	140835	69.99	ng		97
11) bis(2-Chloroethyl)ether	7.515	93	94472	67.01	ng		95
12) 1,3-Dichlorobenzene	7.985	146	123884	74.00	ng		99
13) 1,4-Dichlorobenzene	8.137	146	122419	73.67	ng		96
14) 1,2-Dichlorobenzene	8.455	146	117648	73.80	ng		93
15) Benzyl Alcohol	8.337	79	121438	69.66	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.625	45	92874	57.61	ng		93
17) 2-Methylphenol	8.537	107	92519	72.51	ng		90
18) Hexachloroethane	9.189	117	47658	74.55	ng		85
19) n-Nitroso-di-n-propyla...	8.913	70	98503	67.58	ng		95
20) 3+4-Methylphenols	8.872	107	130003	74.38	ng		91
22) Acetophenone	8.925	105	178878	73.37	ng	#	94
24) Nitrobenzene	9.313	77	148824	64.07	ng		94
25) Isophorone	9.841	82	267905	64.55	ng		99
26) 2-Nitrophenol	10.029	139	70725	80.12	ng		96
27) 2,4-Dimethylphenol	10.082	122	103484	75.12	ng		96
28) bis(2-Chloroethoxy)met...	10.317	93	124054	65.95	ng		99
29) 2,4-Dichlorophenol	10.564	162	120909	75.64	ng		93
30) 1,2,4-Trichlorobenzene	10.787	180	135500	70.12	ng		95
31) Naphthalene	10.975	128	359389	74.77	ng		96
32) Benzoic acid	10.253	122	90138	84.08	ng		93
33) 4-Chloroaniline	11.081	127	154940	75.40	ng		96
34) Hexachlorobutadiene	11.257	225	97943	63.94	ng		91
35) Caprolactam	11.880	113	43013m	75.37	ng		
36) 4-Chloro-3-methylphenol	12.203	107	135413	72.97	ng		99
37) 2-Methylnaphthalene	12.579	142	286944	78.21	ng		97
38) 1-Methylnaphthalene	12.797	142	272672m	79.03	ng		
40) 1,2,4,5-Tetrachloroben...	12.944	216	160479	71.39	ng		98
41) Hexachlorocyclopentadiene	12.926	237	97844	67.32	ng		96
43) 2,4,6-Trichlorophenol	13.184	196	114986	75.47	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.261	196	120255	71.72	ng		98
46) 1,1'-Biphenyl	13.584	154	363531	82.28	ng		97
47) 2-Chloronaphthalene	13.631	162	282927	79.43	ng		98
48) 2-Nitroaniline	13.831	65	92703	70.31	ng		97
49) Acenaphthylene	14.477	152	443203	76.84	ng		98
50) Dimethylphthalate	14.201	163	371389	74.13	ng		97
51) 2,6-Dinitrotoluene	14.318	165	88633	82.21	ng		98
52) Acenaphthene	14.818	154	324391m	83.68	ng		
53) 3-Nitroaniline	14.659	138	87821	85.06	ng		85
54) 2,4-Dinitrophenol	14.853	184	54067	82.16	ng		89
55) Dibenzofuran	15.153	168	463068	80.20	ng		97
56) 4-Nitrophenol	14.959	139	71282	77.16	ng		98
57) 2,4-Dinitrotoluene	15.106	165	123107	80.41	ng		92
58) Fluorene	15.799	166	376591	77.71	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.376	232	113162m	68.39	ng		
60) Diethylphthalate	15.564	149	377833	77.15	ng		97
61) 4-Chlorophenyl-phenyle...	15.787	204	208094	74.64	ng		97
62) 4-Nitroaniline	15.823	138	88582	78.33	ng		96
63) Azobenzene	16.087	77	373081	70.00	ng		96
65) 4,6-Dinitro-2-methylph...	15.875	198	79498	86.56	ng		99
66) n-Nitrosodiphenylamine	16.005	169	341496	80.83	ng		97
67) 4-Bromophenyl-phenylether	16.686	248	134809	73.40	ng		98
68) Hexachlorobenzene	16.804	284	140344	71.31	ng		97
69) Atrazine	16.951	200	135261	79.60	ng		96
70) Pentachlorophenol	17.150	266	97355	74.41	ng		95
71) Phenanthrene	17.550	178	611756	79.41	ng		99
72) Anthracene	17.638	178	603576	78.97	ng		98
73) Carbazole	17.908	167	569721	78.17	ng		98
74) Di-n-butylphthalate	18.461	149	652981	80.94	ng		97
75) Fluoranthene	19.559	202	737302	71.88	ng		96
77) Benzidine	19.736	184	359394	91.77	ng		99
78) Pyrene	19.918	202	737913	82.18	ng		97
80) Butylbenzylphthalate	20.799	149	285919	89.60	ng		96
81) Benzo(a)anthracene	21.786	228	705986	77.86	ng		99
82) 3,3'-Dichlorobenzidine	21.692	252	248046	75.80	ng		95
83) Chrysene	21.851	228	677882	77.98	ng		96
84) Bis(2-ethylhexyl)phtha...	21.675	149	403984	91.62	ng		99
85) Di-n-octyl phthalate	22.938	149	692087	93.74	ng		100
87) Indeno(1,2,3-cd)pyrene	28.995	276	794526	75.95	ng	#	73
88) Benzo(b)fluoranthene	24.083	252	740722	76.63	ng		99
89) Benzo(k)fluoranthene	24.154	252	684767	75.08	ng		98
90) Benzo(a)pyrene	24.994	252	672550	76.30	ng		99
91) Dibenzo(a,h)anthracene	29.072	278	665537	74.58	ng		99
92) Benzo(g,h,i)perylene	30.200	276	657839	75.97	ng		99

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

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