Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
Data File : BG047931.D
Acq On : 20 Jan 2021 9:55
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 13:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 13:11:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.154	152	44555	20.00	ng		0.00
21) Naphthalene-d8	10.968	136	165457	20.00	ng		# 0.00
39) Acenaphthene-d10	14.775	164	112937	20.00	ng		0.00
64) Phenanthrene-d10	17.519	188	286570	20.00	ng		# 0.00
76) Chrysene-d12	21.797	240	317337	20.00	ng		# 0.00
86) Perylene-d12	25.104	264	316675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.704	112	18637	7.24	ng		0.00
7) Phenol-d6	7.290	99	29299	7.78	ng		0.00
23) Nitrobenzene-d5	9.311	82	23670	5.26	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng		
45) 2-Fluorobiphenyl	13.401	172	88495	10.14	ng		0.00
79) Terphenyl-d14	20.116	244	183545	9.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.600	88	6931	6.26	ng	#	87
3) Pyridine	4.000	79	20048	7.02	ng	#	85
4) n-Nitrosodimethylamine	3.906	42	9487	4.20	ng	#	67
6) Aniline	7.466	93	22941	5.49	ng	#	77
8) 2-Chlorophenol	7.713	128	8512	3.24	ng		92
9) Benzaldehyde	7.284	77	14576	5.91	ng		91
10) Phenol	7.314	94	14244	4.17	ng		80
11) bis(2-Chloroethyl)ether	7.566	93	14705	6.05	ng		84
12) 1,3-Dichlorobenzene	8.048	146	18693	5.28	ng	#	82
13) 1,4-Dichlorobenzene	8.189	146	17525	4.96	ng	#	91
14) 1,2-Dichlorobenzene	8.506	146	17416m	5.24	ng		
15) Benzyl Alcohol	8.377	79	9757	2.93	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.671	45	27080	11.21	ng		94
17) 2-Methylphenol	8.577	107	8652	3.59	ng	#	89
18) Hexachloroethane	9.247	117	5105	3.68	ng		94
19) n-Nitroso-di-n-propyla...	8.947	70	12180	4.65	ng	#	90
20) 3+4-Methylphenols	8.906	107	11106	3.37	ng		84
22) Acetophenone	8.970	105	23208	4.90	ng	#	87
24) Nitrobenzene	9.352	77	10991	2.59	ng		88
25) Isophorone	9.881	82	28793	4.24	ng	#	94
26) 2-Nitrophenol	10.063	139	3762	2.24	ng	#	90
27) 2,4-Dimethylphenol	10.116	122	8298	3.43	ng		97
28) bis(2-Chloroethoxy)met...	10.363	93	17914	5.11	ng		95
29) 2,4-Dichlorophenol	10.604	162	7864	2.50	ng		91
30) 1,2,4-Trichlorobenzene	10.827	180	18736	4.64	ng		98
31) Naphthalene	11.015	128	45335	4.99	ng		96
32) Benzoic acid	10.151	122	3550m	2.80	ng		
33) 4-Chloroaniline	11.115	127	18445	4.77	ng	#	91
34) Hexachlorobutadiene	11.309	225	13378	3.76	ng		100
36) 4-Chloro-3-methylphenol	12.220	107	8729	2.54	ng	#	87
37) 2-Methylnaphthalene	12.613	142	32477	4.60	ng	#	90
38) 1-Methylnaphthalene	12.831	142	30706m	4.61	ng		
40) 1,2,4,5-Tetrachloroben...	12.972	216	22435	4.84	ng		98
41) Hexachlorocyclopentadiene	12.960	237	6685	2.66	ng		86
43) 2,4,6-Trichlorophenol	13.207	196	6663	2.25	ng		95
44) 2,4,5-Trichlorophenol	13.271	196	7495	2.56	ng	#	89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.612	154	42581	4.94	ng		98
47) 2-Chloronaphthalene	13.653	162	36587	5.22	ng		97
49) Acenaphthylene	14.493	152	53925	5.19	ng		98
50) Dimethylphthalate	14.223	163	27348	2.81	ng	#	94
51) 2,6-Dinitrotoluene	14.335	165	5134	2.59	ng	#	90
52) Acenaphthene	14.840	154	33797	4.61	ng		99
53) 3-Nitroaniline	14.664	138	6411	3.27	ng	#	77
54) 2,4-Dinitrophenol	14.858	184	3093	2.44	ng	#	17
55) Dibenzofuran	15.169	168	53560	5.04	ng		91
57) 2,4-Dinitrotoluene	15.110	165	6295	2.14	ng	#	97
58) Fluorene	15.815	166	44943	4.98	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.386	232	6870	2.30	ng	#	96
60) Diethylphthalate	15.580	149	24233	2.58	ng		98
61) 4-Chlorophenyl-phenyle...	15.810	204	26687	4.69	ng		94
62) 4-Nitroaniline	15.815	138	7391	3.43	ng		91
63) Azobenzene	16.097	77	46545	5.32	ng		88
65) 4,6-Dinitro-2-methylph...	15.880	198	4130	2.26	ng		88
66) n-Nitrosodiphenylamine	16.015	169	39092	4.77	ng		96
67) 4-Bromophenyl-phenylether	16.703	248	17993	4.67	ng		96
68) Hexachlorobenzene	16.820	284	18918	4.53	ng	#	91
69) Atrazine	16.961	200	8445	2.45	ng		95
71) Phenanthrene	17.555	178	79177m	5.13	ng		
72) Anthracene	17.649	178	75713	5.05	ng		94
73) Carbazole	17.913	167	65597	5.00	ng		98
74) Di-n-butylphthalate	18.477	149	40352	2.61	ng	#	94
75) Fluoranthene	19.558	202	106650	5.15	ng		94
77) Benzidine	19.734	184	28729	3.37	ng	#	95
78) Pyrene	19.922	202	111679	4.91	ng		93
81) Benzo(a)anthracene	21.773	228	108567	4.76	ng		96
82) 3,3'-Dichlorobenzidine	21.685	252	22112	2.76	ng		93
83) Chrysene	21.844	228	105993	4.92	ng		96
84) Bis(2-ethylhexyl)phtha...	21.691	149	23649	2.20	ng		96
85) Di-n-octyl phthalate	22.942	149	40757	2.24	ng	#	89
87) Indeno(1,2,3-cd)pyrene	28.877	276	100683	4.19	ng	#	81
88) Benzo(b)fluoranthene	24.053	252	98271m	4.50	ng		
89) Benzo(k)fluoranthene	24.123	252	96393	4.55	ng		96
90) Benzo(a)pyrene	24.952	252	89701	4.42	ng	#	90
91) Dibenzo(a,h)anthracene	28.953	278	80811	4.15	ng		97
92) Benzo(g,h,i)perylene	30.058	276	85031	4.46	ng		93

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

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