Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041421\
Data File : BG048693.D
Acq On : 14 Apr 2021 14:35
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 14 15:25:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 14 15:25:16 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	21015	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	85499	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	58605	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	143916	20.00	ng	0.00
76) Chrysene-d12	21.798	240	128018	20.00	ng	0.00
86) Perylene-d12	25.135	264	135986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	98869	83.06	ng	0.00
7) Phenol-d6	7.239	99	143608	83.19	ng	0.00
23) Nitrobenzene-d5	9.254	82	152212	86.19	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	64369	83.55	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	329757	83.63	ng	0.00
79) Terphenyl-d14	20.106	244	597213	85.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.496	88	19980	41.72	ng	100
3) Pyridine	3.901	79	54158	45.11	ng	100
4) n-Nitrosodimethylamine	3.813	42	40543	51.68	ng	100
6) Aniline	7.397	93	83166	41.95	ng	100
8) 2-Chlorophenol	7.644	128	52463	39.00	ng	100
9) Benzaldehyde	7.209	77	45409	41.15	ng	100
10) Phenol	7.268	94	69250	40.07	ng	100
11) bis(2-Chloroethyl)ether	7.491	93	46096	38.44	ng	100
12) 1,3-Dichlorobenzene	7.973	146	59408	39.20	ng	100
13) 1,4-Dichlorobenzene	8.120	146	62143	40.67	ng	100
14) 1,2-Dichlorobenzene	8.437	146	58210	39.78	ng	100
15) Benzyl Alcohol	8.320	79	64783	45.81	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.607	45	52537	45.42	ng	100
17) 2-Methylphenol	8.525	107	45697	40.86	ng	100
18) Hexachloroethane	9.177	117	24838	43.75	ng	100
19) n-Nitroso-di-n-propyla...	8.890	70	47861	40.22	ng	100
20) 3+4-Methylphenols	8.854	107	63268	40.76	ng	100
22) Acetophenone	8.913	105	85978	39.00	ng	100
24) Nitrobenzene	9.295	77	75726	43.69	ng	100
25) Isophorone	9.818	82	134724	41.31	ng	100
26) 2-Nitrophenol	10.012	139	33343	41.87	ng	100
27) 2,4-Dimethylphenol	10.070	122	49723	39.68	ng	100
28) bis(2-Chloroethoxy)met...	10.306	93	58685	39.26	ng	100
29) 2,4-Dichlorophenol	10.558	162	56814	40.04	ng	100
30) 1,2,4-Trichlorobenzene	10.770	180	63481	38.94	ng	100
31) Naphthalene	10.964	128	176367	40.12	ng	100
32) Benzoic acid	10.211	122	30115m	31.24	ng	
33) 4-Chloroaniline	11.063	127	73946	39.86	ng	100
34) Hexachlorobutadiene	11.240	225	50506	42.42	ng	100
35) Caprolactam	11.845	113	19137	36.97	ng	100
36) 4-Chloro-3-methylphenol	12.192	107	62871	39.46	ng	100
37) 2-Methylnaphthalene	12.568	142	138229	39.50	ng	100
38) 1-Methylnaphthalene	12.785	142	128316	38.44	ng	100
40) 1,2,4,5-Tetrachloroben...	12.932	216	78440	43.18	ng	100
41) Hexachlorocyclopentadiene	12.908	237	38070	36.17	ng	100
43) 2,4,6-Trichlorophenol	13.167	196	53384	42.75	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	55920	41.86	ng	100
46) 1,1'-Biphenyl	13.566	154	176859	41.30	ng	100
47) 2-Chloronaphthalene	13.613	162	134793	41.32	ng	100
48) 2-Nitroaniline	13.819	65	51933	50.08	ng	100
49) Acenaphthylene	14.459	152	210914	41.24	ng	100
50) Dimethylphthalate	14.183	163	180450	41.48	ng	100
51) 2,6-Dinitrotoluene	14.307	165	42564	42.77	ng	100
52) Acenaphthene	14.806	154	136533	36.91	ng	100
53) 3-Nitroaniline	14.642	138	38933	39.90	ng	100
54) 2,4-Dinitrophenol	14.847	184	23397	41.81	ng	100
55) Dibenzofuran	15.135	168	225017	41.65	ng	100
56) 4-Nitrophenol	14.959	139	30714	38.99	ng	100
57) 2,4-Dinitrotoluene	15.100	165	61131	43.43	ng	100
58) Fluorene	15.787	166	182161	40.28	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.364	232	52598	40.36	ng	100
60) Diethylphthalate	15.546	149	184460	41.27	ng	100
61) 4-Chlorophenyl-phenyle...	15.776	204	99548	40.91	ng	100
62) 4-Nitroaniline	15.805	138	41255	40.42	ng	100
63) Azobenzene	16.069	77	185584	42.21	ng	100
65) 4,6-Dinitro-2-methylph...	15.864	198	40879	47.27	ng	100
66) n-Nitrosodiphenylamine	15.993	169	162350	39.65	ng	100
67) 4-Bromophenyl-phenylether	16.674	248	62381	39.10	ng	100
68) Hexachlorobenzene	16.798	284	67238	40.36	ng	100
69) Atrazine	16.939	200	66235	39.66	ng	100
70) Pentachlorophenol	17.145	266	35257	34.05	ng	100
71) Phenanthrene	17.538	178	295452	39.55	ng	100
72) Anthracene	17.626	178	292183	39.25	ng	100
73) Carbazole	17.897	167	276613	39.18	ng	100
74) Di-n-butylphthalate	18.449	149	308119	39.06	ng	100
75) Fluoranthene	19.548	202	368515	39.79	ng	100
77) Benzidine	19.724	184	169553	39.11	ng	100
78) Pyrene	19.912	202	363520	41.30	ng	100
80) Butylbenzylphthalate	20.787	149	139833	42.77	ng	100
81) Benzo(a)anthracene	21.774	228	353603	41.34	ng	100
82) 3,3'-Dichlorobenzidine	21.686	252	121240	41.26	ng	100
83) Chrysene	21.845	228	338441	41.46	ng	100
84) Bis(2-ethylhexyl)phtha...	21.663	149	197597	43.39	ng	100
85) Di-n-octyl phthalate	22.920	149	337037	42.45	ng	100
87) Indeno(1,2,3-cd)pyrene	28.978	276	395336	41.47	ng	100
88) Benzo(b)fluoranthene	24.078	252	369580	41.85	ng	100
89) Benzo(k)fluoranthene	24.142	252	343929	40.50	ng	100
90) Benzo(a)pyrene	24.977	252	337332	41.44	ng	100
91) Dibenzo(a,h)anthracene	29.036	278	334350	41.09	ng	100
92) Benzo(g,h,i)perylene	30.182	276	330911	41.53	ng	100

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

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