Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048523.D
Acq On : 31 Mar 2021 10:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/1/2021 10:50:28 AM

Quant Time: Mar 31 11:41:50 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 11:41:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	19203	20.00	ng		# 0.00
21) Naphthalene-d8	10.930	136	82067	20.00	ng		# 0.00
39) Acenaphthene-d10	14.755	164	58856	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	146746	20.00	ng		# 0.00
76) Chrysene-d12	21.805	240	135596	20.00	ng		# 0.00
86) Perylene-d12	25.148	264	141532	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.642	112	92116	84.69	ng		0.00
7) Phenol-d6	7.252	99	129465	82.07	ng		0.00
23) Nitrobenzene-d5	9.273	82	135181	79.75	ng		0.00
42) 2,4,6-Tribromophenol	16.247	330	64269	83.07	ng		0.00
45) 2-Fluorobiphenyl	13.380	172	317205	80.11	ng		0.00
79) Terphenyl-d14	20.113	244	605181	81.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.509	88	17636	40.30	ng		95
3) Pyridine	3.914	79	48235	43.96	ng		97
4) n-Nitrosodimethylamine	3.826	42	31270	43.62	ng		97
6) Aniline	7.422	93	71141	39.27	ng		92
8) 2-Chlorophenol	7.663	128	49556	40.32	ng		95
9) Benzaldehyde	7.234	77	41362	41.02	ng		94
10) Phenol	7.281	94	65514	41.48	ng		93
11) bis(2-Chloroethyl)ether	7.516	93	42457	38.74	ng		92
12) 1,3-Dichlorobenzene	7.992	146	56751	40.98	ng		97
13) 1,4-Dichlorobenzene	8.139	146	56124	40.20	ng		95
14) 1,2-Dichlorobenzene	8.462	146	55563	41.56	ng		93
15) Benzyl Alcohol	8.339	79	55287	42.79	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.626	45	43206	40.87	ng		94
17) 2-Methylphenol	8.544	107	41553	40.66	ng		96
18) Hexachloroethane	9.196	117	21494	41.43	ng		94
19) n-Nitroso-di-n-propyla...	8.909	70	45380	41.74	ng		97
20) 3+4-Methylphenols	8.873	107	59707	42.10	ng		94
22) Acetophenone	8.926	105	82470	38.98	ng	#	93
24) Nitrobenzene	9.314	77	69303	41.66	ng	#	89
25) Isophorone	9.837	82	123064	39.31	ng		96
26) 2-Nitrophenol	10.031	139	29486	38.58	ng		93
27) 2,4-Dimethylphenol	10.084	122	47786	39.73	ng		96
28) bis(2-Chloroethoxy)met...	10.324	93	56925	39.67	ng		100
29) 2,4-Dichlorophenol	10.571	162	54457	39.99	ng		93
30) 1,2,4-Trichlorobenzene	10.789	180	62736	40.09	ng		92
31) Naphthalene	10.983	128	165975	39.33	ng		99
32) Benzoic acid	10.213	122	38447	41.55	ng		96
33) 4-Chloroaniline	11.082	127	71226	40.00	ng		99
34) Hexachlorobutadiene	11.265	225	43772	38.30	ng	#	83
35) Caprolactam	11.858	113	20118	40.49	ng	#	76
36) 4-Chloro-3-methylphenol	12.199	107	63694	41.65	ng		89
37) 2-Methylnaphthalene	12.581	142	130481	38.84	ng		99
38) 1-Methylnaphthalene	12.804	142	122918	38.37	ng		99
40) 1,2,4,5-Tetrachloroben...	12.951	216	75385	41.32	ng		98
41) Hexachlorocyclopentadiene	12.927	237	43255	40.93	ng		97
43) 2,4,6-Trichlorophenol	13.186	196	51734	41.25	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	55804	41.59	ng		95
46) 1,1'-Biphenyl	13.585	154	174835	40.65	ng		98
47) 2-Chloronaphthalene	13.632	162	132913	40.57	ng		99
48) 2-Nitroaniline	13.832	65	43389	41.66	ng		90
49) Acenaphthylene	14.478	152	207456	40.39	ng		99
50) Dimethylphthalate	14.202	163	177251	40.58	ng		96
51) 2,6-Dinitrotoluene	14.320	165	41066	41.09	ng	#	80
52) Acenaphthene	14.819	154	151659	40.82	ng		99
53) 3-Nitroaniline	14.655	138	41354	42.20	ng		88
54) 2,4-Dinitrophenol	14.854	184	24003	42.71	ng		98
55) Dibenzofuran	15.154	168	219088	40.38	ng		97
56) 4-Nitrophenol	14.954	139	33381	42.20	ng		87
57) 2,4-Dinitrotoluene	15.107	165	60973	43.13	ng	#	96
58) Fluorene	15.800	166	181381	39.94	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.372	232	55637	42.51	ng		100
60) Diethylphthalate	15.565	149	183632	40.91	ng	#	93
61) 4-Chlorophenyl-phenyle...	15.789	204	98435	40.28	ng		94
62) 4-Nitroaniline	15.818	138	42940	41.89	ng		97
63) Azobenzene	16.082	77	182743	41.38	ng		99
65) 4,6-Dinitro-2-methylph...	15.871	198	37147	42.13	ng		93
66) n-Nitrosodiphenylamine	16.006	169	166422	39.86	ng		99
67) 4-Bromophenyl-phenylether	16.688	248	65431	40.22	ng		95
68) Hexachlorobenzene	16.811	284	65870	38.78	ng		96
69) Atrazine	16.952	200	68909	40.47	ng		99
70) Pentachlorophenol	17.152	266	44057	41.73	ng		96
71) Phenanthrene	17.551	178	310527	40.76	ng		96
72) Anthracene	17.639	178	302333	39.83	ng		99
73) Carbazole	17.910	167	279999	38.90	ng		99
74) Di-n-butylphthalate	18.462	149	324185	40.31	ng		99
75) Fluoranthene	19.561	202	375477	39.76	ng		99
77) Benzidine	19.731	184	198969	43.33	ng		99
78) Pyrene	19.919	202	382820	41.06	ng		98
80) Butylbenzylphthalate	20.800	149	144393	41.70	ng		98
81) Benzo(a)anthracene	21.782	228	366991	40.51	ng		99
82) 3,3'-Dichlorobenzidine	21.694	252	128630	41.33	ng		94
83) Chrysene	21.852	228	350202	40.51	ng		93
84) Bis(2-ethylhexyl)phtha...	21.682	149	200482	41.56	ng		98
85) Di-n-octyl phthalate	22.939	149	346093	41.16	ng		100
87) Indeno(1,2,3-cd)pyrene	28.985	276	406620	40.98	ng	#	95
88) Benzo(b)fluoranthene	24.085	252	375654m	40.87	ng		
89) Benzo(k)fluoranthene	24.155	252	358629	40.58	ng		98
90) Benzo(a)pyrene	24.990	252	344545	40.67	ng		98
91) Dibenzo(a,h)anthracene	29.055	278	338258	39.94	ng		99
92) Benzo(g,h,i)perylene	30.189	276	335695	40.48	ng		98

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

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