Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092520\
Data File : BG046697.D
Acq On : 25 Sep 2020 11:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 25 12:22:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 21:47:28 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.126	152	67008	20.00	ng		0.00
21) Naphthalene-d8	10.934	136	248235	20.00	ng		0.00
39) Acenaphthene-d10	14.742	164	166198	20.00	ng		0.00
64) Phenanthrene-d10	17.485	188	387954	20.00	ng		# 0.00
76) Chrysene-d12	21.769	240	416459	20.00	ng		# 0.00
86) Perylene-d12	25.047	264	436133	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.682	112	306691	73.32	ng		0.00
7) Phenol-d6	7.268	99	438268	74.28	ng		0.00
23) Nitrobenzene-d5	9.283	82	383012	82.08	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	172032	78.50	ng		0.00
45) 2-Fluorobiphenyl	13.373	172	898052	76.50	ng		0.00
79) Terphenyl-d14	20.094	244	1568486	75.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	71919	36.85	ng	#	88
3) Pyridine	3.984	79	213211	38.62	ng		93
4) n-Nitrosodimethylamine	3.890	42	113362	39.24	ng	#	63
6) Aniline	7.444	93	262843	36.86	ng	#	91
8) 2-Chlorophenol	7.685	128	150568	36.12	ng		89
9) Benzaldehyde	7.256	77	133741	41.31	ng		90
10) Phenol	7.292	94	206080	35.09	ng		75
11) bis(2-Chloroethyl)ether	7.538	93	162861	35.88	ng		88
12) 1,3-Dichlorobenzene	8.014	146	200186	37.19	ng	#	92
13) 1,4-Dichlorobenzene	8.161	146	200767	37.64	ng		96
14) 1,2-Dichlorobenzene	8.478	146	185063	37.20	ng		96
15) Benzyl Alcohol	8.355	79	175517	36.18	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.655	45	286403	35.96	ng		99
17) 2-Methylphenol	8.549	107	134350	35.63	ng	#	89
18) Hexachloroethane	9.219	117	71887	35.73	ng		97
19) n-Nitroso-di-n-propyla...	8.931	70	146765	36.28	ng	#	87
20) 3+4-Methylphenols	8.878	107	188387	36.65	ng		92
22) Acetophenone	8.943	105	262946	36.47	ng	#	91
24) Nitrobenzene	9.324	77	204041	40.06	ng	#	83
25) Isophorone	9.853	82	364461	35.78	ng	#	92
26) 2-Nitrophenol	10.041	139	74861	40.66	ng	#	77
27) 2,4-Dimethylphenol	10.088	122	131329	35.68	ng		88
28) bis(2-Chloroethoxy)met...	10.335	93	226149	35.99	ng		96
29) 2,4-Dichlorophenol	10.570	162	164631	37.18	ng		92
30) 1,2,4-Trichlorobenzene	10.793	180	198203	37.50	ng		99
31) Naphthalene	10.987	128	495939	36.83	ng		99
32) Benzoic acid	10.206	122	97377	39.25	ng	#	84
33) 4-Chloroaniline	11.081	127	215377	36.11	ng	#	94
34) Hexachlorobutadiene	11.275	225	145909	37.66	ng		95
35) Caprolactam	11.851	113	53396	35.61	ng		86
36) 4-Chloro-3-methylphenol	12.192	107	175134	36.79	ng	#	84
37) 2-Methylnaphthalene	12.579	142	367615	36.83	ng	#	95
38) 1-Methylnaphthalene	12.797	142	349638m	37.74	ng		
40) 1,2,4,5-Tetrachloroben...	12.944	216	226887	37.98	ng	#	97
41) Hexachlorocyclopentadiene	12.932	237	128848	37.08	ng		96
43) 2,4,6-Trichlorophenol	13.173	196	142470	37.92	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.243	196	148700	39.33	ng	#	95
46) 1,1'-Biphenyl	13.584	154	489536	38.31	ng		95
47) 2-Chloronaphthalene	13.625	162	391437	37.70	ng		98
48) 2-Nitroaniline	13.819	65	127004	46.08	ng	#	75
49) Acenaphthylene	14.466	152	582545	38.12	ng		97
50) Dimethylphthalate	14.195	163	503344	37.92	ng		98
51) 2,6-Dinitrotoluene	14.307	165	97398	45.15	ng	#	60
52) Acenaphthene	14.806	154	395302	38.09	ng		94
53) 3-Nitroaniline	14.636	138	104001	42.66	ng	#	70
54) 2,4-Dinitrophenol	14.836	184	51330	43.56	ng	#	58
55) Dibenzofuran	15.141	168	597621	38.14	ng		97
56) 4-Nitrophenol	14.924	139	84126	41.90	ng	#	62
57) 2,4-Dinitrotoluene	15.094	165	132197	46.27	ng	#	81
58) Fluorene	15.787	166	476094	37.94	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.359	232	147884	39.13	ng	#	93
60) Diethylphthalate	15.558	149	495212	37.10	ng		98
61) 4-Chlorophenyl-phenyle...	15.782	204	278464	38.88	ng		96
62) 4-Nitroaniline	15.799	138	118515	43.78	ng	#	63
63) Azobenzene	16.075	77	495422	37.76	ng		89
65) 4,6-Dinitro-2-methylph...	15.852	198	67294	41.79	ng		86
66) n-Nitrosodiphenylamine	15.993	169	428888	36.80	ng		99
67) 4-Bromophenyl-phenylether	16.675	248	184186	37.57	ng	#	90
68) Hexachlorobenzene	16.792	284	197048	37.36	ng	#	89
69) Atrazine	16.939	200	172708	36.88	ng		99
70) Pentachlorophenol	17.133	266	119674	39.31	ng		96
71) Phenanthrene	17.532	178	799363	37.95	ng		99
72) Anthracene	17.621	178	787258	37.88	ng		97
73) Carbazole	17.885	167	705327	37.29	ng		98
74) Di-n-butylphthalate	18.449	149	864426	37.19	ng	#	96
75) Fluoranthene	19.536	202	1019066	37.99	ng		96
77) Benzidine	19.706	184	482331	37.57	ng		98
78) Pyrene	19.894	202	1017392	38.00	ng		100
80) Butylbenzylphthalate	20.782	149	392293	37.92	ng		89
81) Benzo(a)anthracene	21.745	228	1041723	37.47	ng		98
82) 3,3'-Dichlorobenzidine	21.657	252	399349	37.01	ng		98
83) Chrysene	21.816	228	998596	37.59	ng		98
84) Bis(2-ethylhexyl)phtha...	21.669	149	550403	36.22	ng		95
85) Di-n-octyl phthalate	22.914	149	946551	36.22	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.796	276	1197101	37.10	ng	#	86
88) Benzo(b)fluoranthene	24.007	252	1068762	37.39	ng	#	97
89) Benzo(k)fluoranthene	24.078	252	1031231	37.53	ng	#	97
90) Benzo(a)pyrene	24.894	252	1004040	37.33	ng		96
91) Dibenzo(a,h)anthracene	28.884	278	977630	37.04	ng	#	97
92) Benzo(g,h,i)perylene	29.977	276	957903	37.11	ng	#	94

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

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