Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102820\
Data File : BG047101.D
Acq On : 28 Oct 2020 9:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 28 11:02:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:55:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.061	152	47964	20.00	ng		0.00
21) Naphthalene-d8	10.870	136	186949	20.00	ng		# 0.00
39) Acenaphthene-d10	14.689	164	133430	20.00	ng		0.00
64) Phenanthrene-d10	17.433	188	358502	20.00	ng		# 0.00
76) Chrysene-d12	21.704	240	403169	20.00	ng		# 0.00
86) Perylene-d12	24.936	264	417845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	207403	76.65	ng		0.00
7) Phenol-d6	7.209	99	295401	75.50	ng		0.00
23) Nitrobenzene-d5	9.219	82	281163	72.02	ng		0.00
42) 2,4,6-Tribromophenol	16.175	330	163166	76.29	ng		0.00
45) 2-Fluorobiphenyl	13.308	172	682618	72.33	ng		0.00
79) Terphenyl-d14	20.035	244	1525300	73.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.502	88	48351	39.55	ng	#	95
3) Pyridine	3.896	79	131794	39.73	ng	#	96
4) n-Nitrosodimethylamine	3.807	42	69823	39.72	ng	#	57
6) Aniline	7.374	93	170824	36.94	ng		94
8) 2-Chlorophenol	7.621	128	106517	37.03	ng		92
9) Benzaldehyde	7.192	77	76821	38.89	ng		88
10) Phenol	7.233	94	139234	37.68	ng		75
11) bis(2-Chloroethyl)ether	7.474	93	106724	36.71	ng		95
12) 1,3-Dichlorobenzene	7.950	146	138654	37.82	ng	#	93
13) 1,4-Dichlorobenzene	8.091	146	140391	37.93	ng		96
14) 1,2-Dichlorobenzene	8.414	146	130183	37.11	ng		90
15) Benzyl Alcohol	8.290	79	114920	37.68	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.584	45	170038	36.95	ng		99
17) 2-Methylphenol	8.496	107	91247	35.92	ng	#	87
18) Hexachloroethane	9.142	117	51645	37.25	ng		98
19) n-Nitroso-di-n-propyla...	8.860	70	97365	36.53	ng		94
20) 3+4-Methylphenols	8.819	107	128386	37.48	ng		90
22) Acetophenone	8.878	105	175621	34.87	ng	#	90
24) Nitrobenzene	9.260	77	144982	35.78	ng		88
25) Isophorone	9.783	82	245071	35.10	ng	#	94
26) 2-Nitrophenol	9.977	139	61214	34.80	ng	#	75
27) 2,4-Dimethylphenol	10.030	122	85152	35.44	ng		91
28) bis(2-Chloroethoxy)met...	10.265	93	149747	34.73	ng		96
29) 2,4-Dichlorophenol	10.511	162	118696	35.89	ng		99
30) 1,2,4-Trichlorobenzene	10.729	180	145919	35.80	ng		98
31) Naphthalene	10.917	128	352515	36.05	ng		99
32) Benzoic acid	10.153	122	69296	34.64	ng	#	85
33) 4-Chloroaniline	11.023	127	148999	35.04	ng	#	94
34) Hexachlorobutadiene	11.205	225	111612	36.52	ng		96
35) Caprolactam	11.786	113	40685	36.95	ng		98
36) 4-Chloro-3-methylphenol	12.133	107	122254	35.61	ng		89
37) 2-Methylnaphthalene	12.521	142	270922	35.68	ng	#	95
38) 1-Methylnaphthalene	12.738	142	253415	35.22	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.885	216	176354	36.18	ng		98
41) Hexachlorocyclopentadiene	12.862	237	100729	37.82	ng		96
43) 2,4,6-Trichlorophenol	13.120	196	115474	36.35	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.191	196	117884	36.51	ng	#	92
46) 1,1'-Biphenyl	13.520	154	364604	36.10	ng		97
47) 2-Chloronaphthalene	13.567	162	300447	36.13	ng		98
48) 2-Nitroaniline	13.766	65	103525	38.20	ng	#	80
49) Acenaphthylene	14.413	152	433379	35.90	ng		97
50) Dimethylphthalate	14.137	163	406666	37.00	ng		98
51) 2,6-Dinitrotoluene	14.254	165	87631	38.23	ng	#	68
52) Acenaphthene	14.753	154	281428	35.71	ng		97
53) 3-Nitroaniline	14.583	138	90315	39.64	ng	#	76
54) 2,4-Dinitrophenol	14.789	184	56311	37.22	ng	#	70
55) Dibenzofuran	15.088	168	468968	37.07	ng		99
56) 4-Nitrophenol	14.889	139	74260	41.67	ng	#	68
57) 2,4-Dinitrotoluene	15.041	165	124575	37.83	ng	#	78
58) Fluorene	15.735	166	376999	36.92	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.306	232	128301	37.42	ng	#	97
60) Diethylphthalate	15.494	149	418590	38.21	ng		97
61) 4-Chlorophenyl-phenyle...	15.723	204	221575	36.38	ng		97
62) 4-Nitroaniline	15.746	138	101141	41.34	ng	#	55
63) Azobenzene	16.017	77	366463	37.65	ng		91
65) 4,6-Dinitro-2-methylph...	15.805	198	80472	36.48	ng		87
66) n-Nitrosodiphenylamine	15.940	169	349067	33.94	ng		98
67) 4-Bromophenyl-phenylether	16.616	248	160772	34.09	ng		96
68) Hexachlorobenzene	16.739	284	170058	34.19	ng	#	94
69) Atrazine	16.880	200	156912	37.06	ng		97
70) Pentachlorophenol	17.080	266	107190	36.97	ng		95
71) Phenanthrene	17.474	178	677073	35.36	ng		97
72) Anthracene	17.568	178	668961	35.65	ng		97
73) Carbazole	17.832	167	616684	36.96	ng		98
74) Di-n-butylphthalate	18.384	149	790537	38.33	ng	#	97
75) Fluoranthene	19.483	202	938926	38.15	ng		95
77) Benzidine	19.659	184	389902	42.32	ng		97
78) Pyrene	19.842	202	937543	36.48	ng		99
80) Butylbenzylphthalate	20.723	149	361342	36.69	ng		96
81) Benzo(a)anthracene	21.681	228	970985	36.76	ng		98
82) 3,3'-Dichlorobenzidine	21.598	252	356868	37.25	ng	#	97
83) Chrysene	21.751	228	926140	36.83	ng		99
84) Bis(2-ethylhexyl)phtha...	21.581	149	517791	37.30	ng		93
85) Di-n-octyl phthalate	22.797	149	856467	36.71	ng		96
87) Indeno(1,2,3-cd)pyrene	28.620	276	1121316	36.75	ng	#	89
88) Benzo(b)fluoranthene	23.907	252	992316	36.35	ng	#	97
89) Benzo(k)fluoranthene	23.978	252	946945	35.71	ng	#	96
90) Benzo(a)pyrene	24.783	252	923269	36.18	ng	#	97
91) Dibenzo(a,h)anthracene	28.684	278	908239	36.66	ng	#	96
92) Benzo(g,h,i)perylene	29.777	276	899122	36.51	ng	#	93

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

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