Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003334.D
Acq On : 22 Sep 2020 11:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 22 13:20:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.569	152	111659	20.00	ng		0.00
21) Naphthalene-d8	10.346	136	427668	20.00	ng		# 0.00
39) Acenaphthene-d10	14.222	164	262006	20.00	ng		0.00
64) Phenanthrene-d10	16.975	188	563920	20.00	ng		0.00
76) Chrysene-d12	21.069	240	579901	20.00	ng		0.00
86) Perylene-d12	23.263	264	636622	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	517119	80.87	ng		0.00
7) Phenol-d6	6.769	99	701785	82.34	ng		0.00
23) Nitrobenzene-d5	8.722	82	588328	80.82	ng		0.00
42) 2,4,6-Tribromophenol	15.722	330	269152	67.35	ng		0.00
45) 2-Fluorobiphenyl	12.840	172	1370974	76.53	ng		0.00
79) Terphenyl-d14	19.551	244	2140185	76.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.099	88	109758	41.77	ng		99
3) Pyridine	3.487	79	290698	41.55	ng		94
4) n-Nitrosodimethylamine	3.405	42	83663	39.97	ng		96
6) Aniline	6.899	93	399048	40.77	ng		96
8) 2-Chlorophenol	7.146	128	275123	38.63	ng		92
9) Benzaldehyde	6.716	77	184102	38.73	ng		89
10) Phenol	6.793	94	333876	41.01	ng		94
11) bis(2-Chloroethyl)ether	7.005	93	265763	41.19	ng		97
12) 1,3-Dichlorobenzene	7.463	146	328969	38.63	ng	#	96
13) 1,4-Dichlorobenzene	7.605	146	331097	38.44	ng		96
14) 1,2-Dichlorobenzene	7.922	146	315447	38.15	ng		97
15) Benzyl Alcohol	7.816	79	231425	40.86	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.110	45	210063	44.78	ng		92
17) 2-Methylphenol	8.028	107	233246	39.62	ng		96
18) Hexachloroethane	8.640	117	124657	38.84	ng		93
19) n-Nitroso-di-n-propyla...	8.375	70	185257	40.57	ng	#	94
20) 3+4-Methylphenols	8.357	107	310628	39.65	ng		98
22) Acetophenone	8.387	105	408802	38.92	ng	#	96
24) Nitrobenzene	8.763	77	294753	40.47	ng		88
25) Isophorone	9.287	82	533281	39.97	ng		93
26) 2-Nitrophenol	9.469	139	149018	37.46	ng	#	83
27) 2,4-Dimethylphenol	9.551	122	216401	38.46	ng		92
28) bis(2-Chloroethoxy)met...	9.769	93	361524	40.71	ng		98
29) 2,4-Dichlorophenol	10.016	162	259914	36.97	ng		95
30) 1,2,4-Trichlorobenzene	10.216	180	302538	36.27	ng		99
31) Naphthalene	10.399	128	862691	38.19	ng		100
32) Benzoic acid	9.722	122	116108	32.49	ng		87
33) 4-Chloroaniline	10.510	127	368502	38.40	ng	#	94
34) Hexachlorobutadiene	10.693	225	196998	34.60	ng		100
35) Caprolactam	11.275	113	87959	37.49	ng		89
36) 4-Chloro-3-methylphenol	11.663	107	283039	37.34	ng		91
37) 2-Methylnaphthalene	12.022	142	606825	37.08	ng		97
38) 1-Methylnaphthalene	12.240	142	572304	36.83	ng		99
40) 1,2,4,5-Tetrachloroben...	12.404	216	321574	37.49	ng		98
41) Hexachlorocyclopentadiene	12.381	237	73644	35.54	ng		99
43) 2,4,6-Trichlorophenol	12.651	196	205787	37.11	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.734	196	210762	36.94	ng	#	95
46) 1,1'-Biphenyl	13.045	154	765880	39.19	ng		98
47) 2-Chloronaphthalene	13.087	162	624055	38.57	ng		97
48) 2-Nitroaniline	13.298	65	170781	41.70	ng	#	80
49) Acenaphthylene	13.939	152	955107	38.63	ng		99
50) Dimethylphthalate	13.687	163	787349	37.63	ng		100
51) 2,6-Dinitrotoluene	13.798	165	169413	37.78	ng	#	81
52) Acenaphthene	14.287	154	574015	38.15	ng		100
53) 3-Nitroaniline	14.128	138	191643	39.43	ng	#	79
54) 2,4-Dinitrophenol	14.357	184	58122	32.16	ng	#	89
55) Dibenzofuran	14.622	168	908620	37.83	ng		97
56) 4-Nitrophenol	14.475	139	112032	37.72	ng	#	76
57) 2,4-Dinitrotoluene	14.598	165	236254	37.99	ng	#	78
58) Fluorene	15.275	166	708575	37.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.863	232	186065	34.68	ng		96
60) Diethylphthalate	15.057	149	802636	37.61	ng		99
61) 4-Chlorophenyl-phenyle...	15.275	204	375219	36.24	ng		99
62) 4-Nitroaniline	15.298	138	204641	39.68	ng		81
63) Azobenzene	15.563	77	665785	40.93	ng		91
65) 4,6-Dinitro-2-methylph...	15.375	198	109025	36.64	ng		94
66) n-Nitrosodiphenylamine	15.486	169	641337	38.72	ng		99
67) 4-Bromophenyl-phenylether	16.169	248	248086	36.40	ng		97
68) Hexachlorobenzene	16.292	284	287282	35.48	ng		98
69) Atrazine	16.451	200	237966	36.62	ng		99
70) Pentachlorophenol	16.639	266	96662	32.23	ng		99
71) Phenanthrene	17.016	178	1166689	38.03	ng		100
72) Anthracene	17.104	178	1143069	37.80	ng		100
73) Carbazole	17.380	167	1081706	37.66	ng		99
74) Di-n-butylphthalate	17.951	149	1381917	37.64	ng	#	99
75) Fluoranthene	18.998	202	1404595	36.41	ng		99
77) Benzidine	19.174	184	746645	41.52	ng		99
78) Pyrene	19.351	202	1447620	40.03	ng		99
80) Butylbenzylphthalate	20.233	149	662358	40.03	ng		91
81) Benzo(a)anthracene	21.057	228	1422695	37.95	ng		100
82) 3,3'-Dichlorobenzidine	20.992	252	558889	38.57	ng		99
83) Chrysene	21.104	228	1375019	38.18	ng		100
84) Bis(2-ethylhexyl)phtha...	20.998	149	927538	39.82	ng		99
85) Di-n-octyl phthalate	21.851	149	1659064	38.98	ng	#	98
87) Indeno(1,2,3-cd)pyrene	25.492	276	1795392	37.21	ng		99
88) Benzo(b)fluoranthene	22.604	252	1552993	38.63	ng		100
89) Benzo(k)fluoranthene	22.651	252	1437017	37.30	ng		98
90) Benzo(a)pyrene	23.168	252	1430814	37.74	ng		99
91) Dibenzo(a,h)anthracene	25.498	278	1479537	37.16	ng		99
92) Benzo(g,h,i)perylene	26.162	276	1460178	36.73	ng		98

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

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