Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
Data File : BP003604.D
Acq On : 09 Oct 2020 21:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 10 00:12:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 15:55:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.475	152	54406	20.00	ng		0.00
21) Naphthalene-d8	10.252	136	194614	20.00	ng		0.00
39) Acenaphthene-d10	14.134	164	123137	20.00	ng		0.00
64) Phenanthrene-d10	16.898	188	270267	20.00	ng		0.00
76) Chrysene-d12	21.010	240	312988	20.00	ng	#	0.00
86) Perylene-d12	23.169	264	343830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.099	112	250782	80.49	ng		0.00
7) Phenol-d6	6.693	99	322661	77.69	ng		0.00
23) Nitrobenzene-d5	8.634	82	285155	86.08	ng		0.00
42) 2,4,6-Tribromophenol	15.645	330	172636	91.92	ng		0.00
45) 2-Fluorobiphenyl	12.751	172	718239	85.31	ng		0.00
79) Terphenyl-d14	19.481	244	1257214	83.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.987	88	46602	36.40	ng		98
3) Pyridine	3.381	79	130870	38.39	ng		97
4) n-Nitrosodimethylamine	3.299	42	48429	47.49	ng	#	67
6) Aniline	6.811	93	176963	37.11	ng	#	89
8) 2-Chlorophenol	7.052	128	134612	38.79	ng		91
9) Benzaldehyde	6.628	77	81264	35.09	ng		87
10) Phenol	6.717	94	150690	37.99	ng		78
11) bis(2-Chloroethyl)ether	6.911	93	115078	36.61	ng		95
12) 1,3-Dichlorobenzene	7.364	146	163440	39.39	ng	#	93
13) 1,4-Dichlorobenzene	7.511	146	165096	39.34	ng		95
14) 1,2-Dichlorobenzene	7.822	146	157330	39.05	ng		95
15) Benzyl Alcohol	7.734	79	113779	41.23	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.011	45	79996	35.00	ng		83
17) 2-Methylphenol	7.952	107	107591	37.51	ng	#	91
18) Hexachloroethane	8.534	117	62141	39.74	ng		99
19) n-Nitroso-di-n-propyla...	8.287	70	88291	39.68	ng	#	91
20) 3+4-Methylphenols	8.287	107	143686	37.64	ng	#	70
22) Acetophenone	8.299	105	195856	40.98	ng	#	89
24) Nitrobenzene	8.675	77	141976	42.83	ng	#	84
25) Isophorone	9.199	82	243457	40.10	ng		92
26) 2-Nitrophenol	9.387	139	73476	40.59	ng	#	74
27) 2,4-Dimethylphenol	9.469	122	99888	39.02	ng		89
28) bis(2-Chloroethoxy)met...	9.681	93	153093	37.89	ng		99
29) 2,4-Dichlorophenol	9.940	162	127254	39.78	ng		97
30) 1,2,4-Trichlorobenzene	10.122	180	157698	41.55	ng		99
31) Naphthalene	10.299	128	408447	39.73	ng		100
32) Benzoic acid	9.687	122	36237	25.16	ng	#	86
33) 4-Chloroaniline	10.428	127	170154	38.96	ng	#	91
34) Hexachlorobutadiene	10.593	225	112096	43.26	ng		99
35) Caprolactam	11.210	113	38595	36.15	ng		90
36) 4-Chloro-3-methylphenol	11.599	107	135563	39.30	ng		90
37) 2-Methylnaphthalene	11.928	142	290233	38.97	ng	#	94
38) 1-Methylnaphthalene	12.152	142	275177	38.92	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.316	216	171986	42.66	ng		99
41) Hexachlorocyclopentadiene	12.287	237	35568	36.20	ng		100
43) 2,4,6-Trichlorophenol	12.575	196	106274	40.77	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	107427	40.06	ng	#	96
46) 1,1'-Biphenyl	12.963	154	375217	40.86	ng		98
47) 2-Chloronaphthalene	13.004	162	310193	40.79	ng		95
48) 2-Nitroaniline	13.228	65	88997	46.24	ng	#	72
49) Acenaphthylene	13.851	152	460372	39.62	ng		99
50) Dimethylphthalate	13.604	163	392698	39.94	ng		100
51) 2,6-Dinitrotoluene	13.728	165	83988	39.85	ng	#	70
52) Acenaphthene	14.204	154	282243	39.91	ng		99
53) 3-Nitroaniline	14.069	138	88533	38.76	ng	#	82
54) 2,4-Dinitrophenol	14.322	184	24841	29.90	ng	#	80
55) Dibenzofuran	14.540	168	450973	39.95	ng		93
56) 4-Nitrophenol	14.446	139	55669	39.88	ng	#	56
57) 2,4-Dinitrotoluene	14.540	165	120398	41.19	ng	#	55
58) Fluorene	15.193	166	368102	41.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.793	232	103426	41.02	ng		98
60) Diethylphthalate	14.981	149	401211	40.00	ng		100
61) 4-Chlorophenyl-phenyle...	15.193	204	206307	42.39	ng		100
62) 4-Nitroaniline	15.240	138	86564	35.71	ng	#	56
63) Azobenzene	15.487	77	316362	41.38	ng		89
65) 4,6-Dinitro-2-methylph...	15.328	198	36840	25.83	ng		93
66) n-Nitrosodiphenylamine	15.410	169	320658	40.39	ng		98
67) 4-Bromophenyl-phenylether	16.087	248	139708	42.77	ng		95
68) Hexachlorobenzene	16.216	284	171399	44.16	ng		99
69) Atrazine	16.381	200	124852	40.09	ng		98
70) Pentachlorophenol	16.575	266	88485	55.39	ng		97
71) Phenanthrene	16.939	178	589718	40.10	ng		99
72) Anthracene	17.034	178	581679	40.14	ng		99
73) Carbazole	17.310	167	531701	38.63	ng		98
74) Di-n-butylphthalate	17.875	149	686739	39.03	ng	#	98
75) Fluoranthene	18.928	202	733548	39.67	ng		98
77) Benzidine	19.116	184	201740	20.79	ng		99
78) Pyrene	19.281	202	750569	38.45	ng		99
80) Butylbenzylphthalate	20.163	149	328981	36.84	ng		89
81) Benzo(a)anthracene	20.992	228	793422	39.21	ng		99
82) 3,3'-Dichlorobenzidine	20.928	252	293648	37.55	ng	#	98
83) Chrysene	21.045	228	755303	38.86	ng		100
84) Bis(2-ethylhexyl)phtha...	20.928	149	473723	37.68	ng		99
85) Di-n-octyl phthalate	21.775	149	831915	36.21	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.368	276	1073512	41.19	ng	#	93
88) Benzo(b)fluoranthene	22.527	252	863495	39.77	ng	#	98
89) Benzo(k)fluoranthene	22.569	252	827850	39.78	ng	#	98
90) Benzo(a)pyrene	23.080	252	800870	39.12	ng	#	97
91) Dibenzo(a,h)anthracene	25.368	278	891647	41.46	ng	#	95
92) Benzo(g,h,i)perylene	26.033	276	866268	40.35	ng	#	94

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

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