Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
Data File : BP003619.D
Acq On : 15 Oct 2020 10:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Oct 15 14:12:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 17:03:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.540	152	94971	20.00	ng		0.00
21) Naphthalene-d8	11.387	136	325924	20.00	ng		# 0.00
39) Acenaphthene-d10	15.139	164	210021	20.00	ng		-0.01
64) Phenanthrene-d10	17.857	188	458796	20.00	ng		0.00
76) Chrysene-d12	21.869	240	475201	20.00	ng		#-0.01
86) Perylene-d12	24.445	264	470389	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.028	112	447202	80.95	ng		0.00
7) Phenol-d6	7.681	99	616786	76.65	ng		0.00
23) Nitrobenzene-d5	9.710	82	589082	83.80	ng		0.00
42) 2,4,6-Tribromophenol	16.610	330	237080	84.67	ng		0.00
45) 2-Fluorobiphenyl	13.769	172	1247005	77.90	ng		0.00
79) Terphenyl-d14	20.322	244	2040617	77.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	95459	40.34	ng	#	84
3) Pyridine	4.134	79	271233	39.34	ng		91
4) n-Nitrosodimethylamine	4.028	42	118133	39.87	ng	#	58
6) Aniline	7.834	93	351184	37.29	ng	#	86
8) 2-Chlorophenol	8.105	128	217971	38.81	ng	#	81
9) Benzaldehyde	7.634	77	160475	37.88	ng	#	77
10) Phenol	7.710	94	296276	38.13	ng		75
11) bis(2-Chloroethyl)ether	7.922	93	233195	37.38	ng		91
12) 1,3-Dichlorobenzene	8.440	146	283868	38.88	ng	#	91
13) 1,4-Dichlorobenzene	8.581	146	288439	39.37	ng	#	94
14) 1,2-Dichlorobenzene	8.916	146	272453	38.77	ng	#	95
15) Benzyl Alcohol	8.769	79	241821	37.41	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	9.069	45	232609	36.42	ng		98
17) 2-Methylphenol	8.987	107	194275	36.90	ng	#	88
18) Hexachloroethane	9.669	117	110357	38.75	ng		94
19) n-Nitroso-di-n-propyla...	9.340	70	188095	35.06	ng	#	85
20) 3+4-Methylphenols	9.316	107	260219	37.12	ng		91
22) Acetophenone	9.363	105	365487	37.98	ng	#	86
24) Nitrobenzene	9.751	77	285583	41.27	ng	#	75
25) Isophorone	10.275	82	482296	36.77	ng	#	88
26) 2-Nitrophenol	10.481	139	97409	46.54	ng	#	65
27) 2,4-Dimethylphenol	10.528	122	169170	39.13	ng	#	85
28) bis(2-Chloroethoxy)met...	10.746	93	301632	37.40	ng	#	97
29) 2,4-Dichlorophenol	11.028	162	217106	40.24	ng		94
30) 1,2,4-Trichlorobenzene	11.251	180	282879	39.52	ng		98
31) Naphthalene	11.440	128	679011	38.86	ng		99
32) Benzoic acid	10.657	122	92188	40.59	ng	#	65
33) 4-Chloroaniline	11.522	127	280946	37.23	ng	#	86
34) Hexachlorobutadiene	11.751	225	213344	40.21	ng		99
35) Caprolactam	12.234	113	63727	37.27	ng	#	60
36) 4-Chloro-3-methylphenol	12.616	107	235075	38.17	ng	#	83
37) 2-Methylnaphthalene	13.004	142	485833	37.37	ng	#	95
38) 1-Methylnaphthalene	13.222	142	459157	37.57	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.375	216	319742	40.16	ng		98
41) Hexachlorocyclopentadiene	13.375	237	186142	41.95	ng		99
43) 2,4,6-Trichlorophenol	13.592	196	187304	42.42	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.669	196	192052	41.41	ng	#	93
46) 1,1'-Biphenyl	13.981	154	631536	38.92	ng		98
47) 2-Chloronaphthalene	14.034	162	526661	38.98	ng		99
48) 2-Nitroaniline	14.204	65	151458	40.16	ng	#	59
49) Acenaphthylene	14.869	152	758186	38.53	ng		100
50) Dimethylphthalate	14.563	163	652680	37.85	ng		99
51) 2,6-Dinitrotoluene	14.675	165	129840	41.80	ng	#	58
52) Acenaphthene	15.204	154	498166	38.86	ng		93
53) 3-Nitroaniline	15.004	138	130715	41.75	ng	#	60
54) 2,4-Dinitrophenol	15.210	184	53804	43.36	ng	#	1
55) Dibenzofuran	15.534	168	759537	38.12	ng		98
56) 4-Nitrophenol	15.304	139	94568	42.06	ng	#	40
57) 2,4-Dinitrotoluene	15.457	165	176239	39.61	ng	#	64
58) Fluorene	16.175	166	612217	37.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.757	232	181865	42.64	ng		93
60) Diethylphthalate	15.910	149	642998	37.93	ng		98
61) 4-Chlorophenyl-phenyle...	16.151	204	367737	38.50	ng		96
62) 4-Nitroaniline	16.157	138	145026	41.63	ng	#	54
63) Azobenzene	16.439	77	614825	37.70	ng		86
65) 4,6-Dinitro-2-methylph...	16.228	198	77179	40.33	ng		92
66) n-Nitrosodiphenylamine	16.357	169	528450	38.57	ng		99
67) 4-Bromophenyl-phenylether	17.039	248	237646	39.46	ng		97
68) Hexachlorobenzene	17.204	284	270655	39.35	ng		95
69) Atrazine	17.275	200	209097	39.15	ng		98
70) Pentachlorophenol	17.522	266	133732	42.74	ng		98
71) Phenanthrene	17.898	178	974895	38.25	ng		100
72) Anthracene	17.986	178	954507	38.39	ng		100
73) Carbazole	18.228	167	853167	38.00	ng		100
74) Di-n-butylphthalate	18.733	149	1056027	38.61	ng	#	97
75) Fluoranthene	19.810	202	1204328	38.17	ng		98
77) Benzidine	19.951	184	489088	43.90	ng		99
78) Pyrene	20.157	202	1223277	38.73	ng		98
80) Butylbenzylphthalate	20.957	149	451525	40.93	ng	#	77
81) Benzo(a)anthracene	21.851	228	1226981	38.40	ng		99
82) 3,3'-Dichlorobenzidine	21.757	252	441611	39.09	ng	#	97
83) Chrysene	21.910	228	1163419	38.49	ng		98
84) Bis(2-ethylhexyl)phtha...	21.716	149	662425	39.57	ng	#	99
85) Di-n-octyl phthalate	22.680	149	1093116	40.44	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.139	276	1415228	39.65	ng	#	92
88) Benzo(b)fluoranthene	23.657	252	1295309	39.63	ng	#	98
89) Benzo(k)fluoranthene	23.710	252	1167027	38.03	ng	#	95
90) Benzo(a)pyrene	24.333	252	1148399	39.01	ng	#	96
91) Dibenzo(a,h)anthracene	27.145	278	1180367	39.64	ng	#	94
92) Benzo(g,h,i)perylene	27.974	276	1115475	39.69	ng	#	91

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

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