Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
Data File : BP002217.D
Acq On : 18 Mar 2020 15:53
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC020

Quant Time: Mar 18 18:03:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 17:54:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	123935	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	523623	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	304708	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	651004	20.00	ng		0.00
76) Chrysene-d12	21.15	240	642763	20.00	ng		0.00
87) Perylene-d12	23.36	264	633930	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	295229	42.39	ng		0.00
7) Phenol-d6	6.83	99	382918	42.15	ng		0.00
23) Nitrobenzene-d5	8.80	82	297111	34.69	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	141610	45.38	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	928231	44.25	ng		0.00
79) Terphenyl-d14	19.63	244	1314072	41.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	60274	21.058	ng		100
3) Pyridine	3.63	79	166956	20.426	ng		99
4) n-Nitrosodimethylamine	3.55	42	40106	12.869	ng		95
6) Aniline	6.99	93	225731	20.207	ng		97
8) 2-Chlorophenol	7.23	128	172329	22.564	ng		99
9) Benzaldehyde	6.80	77	120102	24.391	ng		99
10) Phenol	6.86	94	195732	21.145	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	168965	22.730	ng		99
12) 1,3-Dichlorobenzene	7.55	146	202173	21.716	ng		97
13) 1,4-Dichlorobenzene	7.69	146	202593	21.658	ng		98
14) 1,2-Dichlorobenzene	8.01	146	199157	22.389	ng		100
15) Benzyl Alcohol	7.89	79	93192	15.146	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	129292	13.927	ng		99
17) 2-Methylphenol	8.10	107	150333	24.396	ng		98
18) Hexachloroethane	8.73	117	71002	21.806	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	88239	15.976	ng	#	98
20) 3+4-Methylphenols	8.42	107	201336	24.496	ng		96
22) Acetophenone	8.47	105	252906	19.720	ng	#	99
24) Nitrobenzene	8.84	77	161112	18.457	ng		99
25) Isophorone	9.37	82	338107	21.116	ng		99
26) 2-Nitrophenol	9.55	139	60175	20.052	ng		98
27) 2,4-Dimethylphenol	9.62	122	140840	22.158	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	199571	18.331	ng		99
29) 2,4-Dichlorophenol	10.08	162	155983	21.045	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	180564	19.859	ng		99
31) Naphthalene	10.48	128	589858	22.088	ng		99
32) Benzoic acid	9.71	122	51894	16.888	ng		97
33) 4-Chloroaniline	10.59	127	226816	19.896	ng		99
34) Hexachlorobutadiene	10.79	225	103177	19.095	ng		99
35) Caprolactam	11.33	113	24514	10.895	ng	#	84
36) 4-Chloro-3-methylphenol	11.72	107	157497	20.833	ng		96
37) 2-Methylnaphthalene	12.10	142	404486	21.634	ng		99
38) 1-Methylnaphthalene	12.32	142	387985	21.903	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	190921	19.694	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	80967	19.343 ng	99
43) 2,4,6-Trichlorophenol	12.72	196	116708	21.284 ng	100
44) 2,4,5-Trichlorophenol	12.78	196	140668	24.311 ng	98
46) 1,1'-Biphenyl	13.13	154	532263	22.416 ng	98
47) 2-Chloronaphthalene	13.16	162	406619	21.732 ng	98
48) 2-Nitroaniline	13.36	65	40755	9.575 ng	93
49) Acenaphthylene	14.01	152	648287	22.974 ng	99
50) Dimethylphthalate	13.76	163	459499	20.428 ng	100
51) 2,6-Dinitrotoluene	13.86	165	77027	17.860 ng	96
52) Acenaphthene	14.36	154	401975	22.239 ng	99
53) 3-Nitroaniline	14.19	138	84019	16.541 ng	96
54) 2,4-Dinitrophenol	14.39	184	32919	27.670 ng	91
55) Dibenzofuran	14.70	168	613805	22.962 ng	99
56) 4-Nitrophenol	14.50	139	78204	21.332 ng	96
57) 2,4-Dinitrotoluene	14.66	165	99628	17.744 ng	98
58) Fluorene	15.35	166	473598	22.069 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	113759	22.598 ng	98
60) Diethylphthalate	15.15	149	344930	15.333 ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	235379	21.584 ng	99
62) 4-Nitroaniline	15.36	138	76236	14.237 ng	95
63) Azobenzene	15.65	77	457684	22.212 ng	97
65) 4,6-Dinitro-2-methylphenol	15.42	198	43811	23.535 ng	95
66) n-Nitrosodiphenylamine	15.56	169	401088	20.688 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	145116	20.591 ng	98
68) Hexachlorobenzene	16.36	284	163881	20.377 ng	96
69) Atrazine	16.53	200	69781	11.989 ng	97
70) Pentachlorophenol	16.70	266	91782	24.590 ng	98
71) Phenanthrene	17.09	178	777669	22.178 ng	99
72) Anthracene	17.18	178	773288	22.789 ng	100
73) Carbazole	17.45	167	743510	22.998 ng	100
74) Di-n-butylphthalate	18.04	149	264759	7.012 ng	99
75) Fluoranthene	19.07	202	865153	21.963 ng	98
77) Benzidine	19.25	184	94839	6.281 ng	97
78) Pyrene	19.42	202	910376	20.585 ng	100
80) Butylbenzylphthalate	20.32	149	89187	5.136 ng	92
81) Benzo(a)anthracene	21.13	228	848232	19.831 ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	82907	5.747 ng	93
83) Chrysene	21.18	228	870237	21.583 ng	98
84) Bis(2-ethylhexyl)phthalate	21.09	149	141072	5.176 ng	97
85) Di-n-octyl phthalate	21.97	149	237040	5.528 ng	97
86) Indeno(1,2,3-cd)pyrene	25.60	276	894277	17.481 ng	98
88) Benzo(b)fluoranthene	22.70	252	837211	21.799 ng	99
89) Benzo(k)fluoranthene	22.75	252	825463	22.806 ng	99
90) Benzo(a)pyrene	23.27	252	743970	21.232 ng	99
91) Dibenzo(a,h)anthracene	25.62	278	754153	21.062 ng	98
92) Benzo(g,h,i)perylene	26.29	276	722994	20.461 ng	99

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

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