Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082420\
Data File : BP003088.D
Acq On : 24 Aug 2020 11:11
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC020

Quant Time: Aug 24 13:20:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:12:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	224970	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	880936	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	542199	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1146007	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1217476	20.00	ng	0.00
86) Perylene-d12	23.39	264	1308533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	499661	33.99	ng	0.00
7) Phenol-d6	6.85	99	629870	30.86	ng	0.00
23) Nitrobenzene-d5	8.81	82	473301	29.10	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	295213	43.81	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1497352	37.73	ng	0.00
79) Terphenyl-d14	19.63	244	2331285	38.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	95508	15.137	ng	99
3) Pyridine	3.60	79	246559	14.025	ng	99
4) n-Nitrosodimethylamine	3.51	42	64097	12.412	ng	98
6) Aniline	6.99	93	340827	14.395	ng	99
8) 2-Chlorophenol	7.23	128	279360	17.825	ng	100
9) Benzaldehyde	6.80	77	155989	14.356	ng	99
10) Phenol	6.87	94	290714	14.144	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	228586	14.460	ng	99
12) 1,3-Dichlorobenzene	7.56	146	339312	19.182	ng	99
13) 1,4-Dichlorobenzene	7.70	146	343350	19.203	ng	99
14) 1,2-Dichlorobenzene	8.02	146	328062	19.240	ng	99
15) Benzyl Alcohol	7.90	79	174972	12.994	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	190520	12.828	ng	99
17) 2-Methylphenol	8.11	107	207746	15.818	ng	98
18) Hexachloroethane	8.74	117	110317	17.689	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	144690	12.305	ng	99
20) 3+4-Methylphenols	8.43	107	280639	15.854	ng	99
22) Acetophenone	8.48	105	379566	15.271	ng	100
24) Nitrobenzene	8.85	77	228995	12.968	ng	100
25) Isophorone	9.38	82	412529	11.806	ng	98
26) 2-Nitrophenol	9.56	139	135328	21.228	ng	99
27) 2,4-Dimethylphenol	9.63	122	207147	14.887	ng	96
28) bis(2-Chloroethoxy)methane	9.86	93	310063	15.905	ng	99
29) 2,4-Dichlorophenol	10.10	162	259843	17.743	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	310694	18.148	ng	98
31) Naphthalene	10.49	128	877471	17.400	ng	99
32) Benzoic acid	9.75	122	105745	14.679	ng	97
33) 4-Chloroaniline	10.60	127	365573	17.493	ng	99
34) Hexachlorobutadiene	10.79	225	186814	17.832	ng	99
35) Caprolactam	11.35	113	76683	16.922	ng	99
36) 4-Chloro-3-methylphenol	11.74	107	239393	15.725	ng	98
37) 2-Methylnaphthalene	12.11	142	632426	17.630	ng	99
38) 1-Methylnaphthalene	12.33	142	603131	17.861	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	316992	16.261	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	145123	14.350 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	206052	18.237 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	219626	17.720 ng	99
46) 1,1'-Biphenyl	13.13	154	793890	17.712 ng	100
47) 2-Chloronaphthalene	13.17	162	652678	18.595 ng	99
48) 2-Nitroaniline	13.38	65	116710	15.337 ng	96
49) Acenaphthylene	14.02	152	986931	17.929 ng	100
50) Dimethylphthalate	13.76	163	807785	19.048 ng	100
51) 2,6-Dinitrotoluene	13.87	165	169057	19.670 ng	99
52) Acenaphthene	14.37	154	602159	17.020 ng	99
53) 3-Nitroaniline	14.20	138	187298	20.967 ng	99
54) 2,4-Dinitrophenol	14.42	184	61976	18.999 ng	97
55) Dibenzofuran	14.70	168	956939	17.634 ng	99
56) 4-Nitrophenol	14.52	139	133165	17.709 ng	99
57) 2,4-Dinitrotoluene	14.67	165	225249	20.597 ng	99
58) Fluorene	15.36	166	753706	17.739 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	199626	19.303 ng	98
60) Diethylphthalate	15.14	149	793778	19.156 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	388198	17.752 ng	99
62) 4-Nitroaniline	15.37	138	194972	21.894 ng	99
63) Azobenzene	15.65	77	518672	12.433 ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	97127	18.254 ng	99
66) n-Nitrosodiphenylamine	15.57	169	667775	17.594 ng	98
67) 4-Bromophenyl-phenylether	16.25	248	251986	18.074 ng	98
68) Hexachlorobenzene	16.37	284	303124	18.797 ng	98
69) Atrazine	16.53	200	224574	17.465 ng	99
70) Pentachlorophenol	16.72	266	138975	16.619 ng	99
71) Phenanthrene	17.10	178	1229611	18.297 ng	100
72) Anthracene	17.19	178	1178084	17.937 ng	99
73) Carbazole	17.46	167	1126255	17.559 ng	98
74) Di-n-butylphthalate	18.03	149	1319988	19.563 ng	100
75) Fluoranthene	19.07	202	1436080	18.548 ng	100
77) Benzidine	19.26	184	466037	12.553 ng	99
78) Pyrene	19.43	202	1495996	17.577 ng	100
80) Butylbenzylphthalate	20.32	149	603365	19.461 ng	95
81) Benzo(a)anthracene	21.13	228	1493956	18.015 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	557107	16.973 ng	99
83) Chrysene	21.19	228	1412724	18.059 ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	912188	19.366 ng	99
85) Di-n-octyl phthalate	21.96	149	1503723	19.433 ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	1904409	18.173 ng	99
88) Benzo(b)fluoranthene	22.71	252	1590769	17.227 ng	99
89) Benzo(k)fluoranthene	22.76	252	1546658	17.721 ng	99
90) Benzo(a)pyrene	23.29	252	1471782	17.639 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	1575989	17.670 ng	100
92) Benzo(g,h,i)perylene	26.34	276	1535759	17.806 ng	99

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

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