Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050420\
Data File : BP002232.D
Acq On : 04 May 2020 19:33
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP050420

Manual Integrations APPROVED
mohammad
5/6/2020 6:44:07 PM

Quant Time: May 04 20:06:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 19:53:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	212686	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	941944	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	601728	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1326742	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1341606	20.00	ng	0.00
87) Perylene-d12	23.31	264	1563006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1014267	78.67	ng	0.00
7) Phenol-d6	6.80	99	1506661	79.56	ng	0.00
23) Nitrobenzene-d5	8.76	82	1499922	82.23	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	528506	82.98	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	3151692	73.35	ng	0.00
79) Terphenyl-d14	19.60	244	4457456	81.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	214903	38.503	ng	98
3) Pyridine	3.56	79	689705	38.771	ng	98
4) n-Nitrosodimethylamine	3.48	42	259309	39.598	ng	99
6) Aniline	6.95	93	1030348	39.794	ng	99
8) 2-Chlorophenol	7.19	128	584432	40.105	ng	99
9) Benzaldehyde	6.76	77	411807	43.131	ng	99
10) Phenol	6.82	94	792703	39.709	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	666847	39.700	ng	99
12) 1,3-Dichlorobenzene	7.51	146	649546	39.950	ng	97
13) 1,4-Dichlorobenzene	7.65	146	650473	39.543	ng	99
14) 1,2-Dichlorobenzene	7.96	146	634373	39.433	ng	99
15) Benzyl Alcohol	7.85	79	584855	40.679	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	923318	39.645	ng	99
17) 2-Methylphenol	8.06	107	588754	40.153	ng	100
18) Hexachloroethane	8.69	117	236900	40.073	ng	99
19) n-Nitroso-di-n-propylamine	8.42	70	528258	40.024	ng	99
20) 3+4-Methylphenols	8.39	107	811914	40.095	ng	98
22) Acetophenone	8.43	105	956412	39.311	ng	100
24) Nitrobenzene	8.80	77	782164	40.253	ng	100
25) Isophorone	9.33	82	1584234	39.427	ng	100
26) 2-Nitrophenol	9.50	139	316771	43.799	ng	99
27) 2,4-Dimethylphenol	9.58	122	564435	40.016	ng	98
28) bis(2-Chloroethoxy)methane	9.82	93	919258	39.483	ng	99
29) 2,4-Dichlorophenol	10.04	162	590043	39.407	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	629348	38.087	ng	99
31) Naphthalene	10.44	128	2005442	39.285	ng	99
32) Benzoic acid	9.72	122	406976	43.158	ng	96
33) 4-Chloroaniline	10.55	127	925505	39.395	ng	99
34) Hexachlorobutadiene	10.75	225	368658	39.052	ng	98
35) Caprolactam	11.30	113	226935	39.443	ng	98
36) 4-Chloro-3-methylphenol	11.69	107	693384	39.638	ng	98
37) 2-Methylnaphthalene	12.06	142	1446138	39.528	ng	98
38) 1-Methylnaphthalene	12.28	142	1372562	39.398	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	710784	39.769	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	338240	40.980	ng	99
43) 2,4,6-Trichlorophenol	12.67	196	490520	40.499	ng	98
44) 2,4,5-Trichlorophenol	12.75	196	571194	39.981	ng	98
46) 1,1'-Biphenyl	13.09	154	1873748	39.736	ng	98
47) 2-Chloronaphthalene	13.12	162	1439055	39.396	ng	99
48) 2-Nitroaniline	13.32	65	478933	43.716	ng	99
49) Acenaphthylene	13.97	152	2363018	39.918	ng	100
50) Dimethylphthalate	13.73	163	1867503	39.375	ng	99
51) 2,6-Dinitrotoluene	13.83	165	408012	41.789	ng	95
52) Acenaphthene	14.32	154	1488639m	39.852	ng	
53) 3-Nitroaniline	14.16	138	480499	41.202	ng	99
54) 2,4-Dinitrophenol	14.36	184	178978	44.846	ng	99
55) Dibenzofuran	14.66	168	2221358	39.375	ng	99
56) 4-Nitrophenol	14.47	139	388525	42.009	ng	97
57) 2,4-Dinitrotoluene	14.62	165	557111	43.077	ng	99
58) Fluorene	15.31	166	1649840	36.802	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	458699	40.643	ng	99
60) Diethylphthalate	15.11	149	1892697	39.449	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	841767	39.532	ng	97
62) 4-Nitroaniline	15.33	138	453835	40.974	ng	99
63) Azobenzene	15.61	77	1963071	39.073	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	251395	45.887	ng	99
66) n-Nitrosodiphenylamine	15.53	169	1554592	40.062	ng	96
67) 4-Bromophenyl-phenylether	16.22	248	558109	39.424	ng	96
68) Hexachlorobenzene	16.33	284	591730	39.481	ng	100
69) Atrazine	16.49	200	463289	38.050	ng	98
70) Pentachlorophenol	16.66	266	386059	42.906	ng	97
71) Phenanthrene	17.05	178	2872772	38.503	ng	99
72) Anthracene	17.15	178	2855492	38.843	ng	100
73) Carbazole	17.42	167	2873572	40.455	ng	98
74) Di-n-butylphthalate	18.00	149	3323909	41.479	ng	99
75) Fluoranthene	19.03	202	3438216	40.167	ng	99
77) Benzidine	19.22	184	1423461	43.319	ng	97
78) Pyrene	19.39	202	3599126	39.493	ng	99
80) Butylbenzylphthalate	20.29	149	1285966	43.521	ng	98
81) Benzo(a)anthracene	21.10	228	3454966	39.700	ng	98
82) 3,3'-Dichlorobenzidine	21.03	252	1300493	40.221	ng	96
83) Chrysene	21.15	228	3258146	38.121	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	2214212	43.218	ng	98
85) Di-n-octyl phthalate	21.93	149	4019952	42.481	ng	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	4542391	39.060	ng	99
88) Benzo(b)fluoranthene	22.66	252	3805747	40.493	ng	97
89) Benzo(k)fluoranthene	22.70	252	3541907	36.790	ng	97
90) Benzo(a)pyrene	23.22	252	3582065	39.588	ng	98
91) Dibenzo(a,h)anthracene	25.56	278	3692172	40.176	ng	97
92) Benzo(g,h,i)perylene	26.22	276	3788484	39.009	ng	98

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

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