Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017167.D
Acq On : 17 Oct 2018 14:25
Operator : MJ/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Manual Integrations APPROVED
Sohil
10/18/2018 1:58:32 PM

Quant Time: Oct 17 14:59:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	225097	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	956753	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	555606	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1268859	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1485624	20.00	ng		0.00
87) Perylene-d12	23.48	264	1513938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1078581	81.04	ng		0.00
7) Phenol-d6	6.86	99	1449049	79.94	ng		0.00
23) Nitrobenzene-d5	8.83	82	1401061	85.65	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	620887	82.63	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	3370595	80.72	ng		0.00
79) Terphenyl-d14	19.70	244	5376504	81.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	263439	38.764	ng		89
3) Pyridine	3.65	79	632241	40.432	ng		87
4) n-Nitrosodimethylamine	3.56	42	237464	37.828	ng	#	73
6) Aniline	7.02	93	909831	40.131	ng		97
8) 2-Chlorophenol	7.25	128	621183	40.345	ng		97
9) Benzaldehyde	6.83	77	452645	39.165	ng		96
10) Phenol	6.88	94	769792	39.461	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	612858	39.410	ng		100
12) 1,3-Dichlorobenzene	7.56	146	705235	39.292	ng		98
13) 1,4-Dichlorobenzene	7.71	146	720045	39.266	ng		98
14) 1,2-Dichlorobenzene	8.02	146	700332	39.639	ng		99
15) Benzyl Alcohol	7.92	79	549736	41.492	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	802558	36.940	ng		99
17) 2-Methylphenol	8.12	107	501600	40.060	ng		99
18) Hexachloroethane	8.74	117	248058	39.528	ng		99
19) n-Nitroso-di-n-propylamine	8.48	70	487166	40.818	ng		97
20) 3+4-Methylphenols	8.45	107	702727	41.033	ng		98
22) Acetophenone	8.50	105	968325	39.927	ng		99
24) Nitrobenzene	8.87	77	722652	41.762	ng		94
25) Isophorone	9.40	82	1140985	42.238	ng		99
26) 2-Nitrophenol	9.57	139	327619	41.351	ng		98
27) 2,4-Dimethylphenol	9.64	122	502025	42.029	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	777600	40.898	ng		100
29) 2,4-Dichlorophenol	10.10	162	593848	42.820	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	675006	40.573	ng		97
31) Naphthalene	10.50	128	1879310	40.082	ng		99
32) Benzoic acid	9.77	122	392559m	44.047	ng		
33) 4-Chloroaniline	10.62	127	842062	41.584	ng		98
34) Hexachlorobutadiene	10.79	225	418040	39.657	ng		100
35) Caprolactam	11.41	113	212053	41.956	ng		95
36) 4-Chloro-3-methylphenol	11.75	107	662412	42.373	ng		98
37) 2-Methylnaphthalene	12.12	142	1318449	41.093	ng		99
38) 1-Methylnaphthalene	12.34	142	1281290	41.031	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	785077	40.123	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	411949	43.550	ng	99
43) 2,4,6-Trichlorophenol	12.74	196	489635	43.108	ng	99
44) 2,4,5-Trichlorophenol	12.81	196	521835	42.844	ng	97
46) 1,1'-Biphenyl	13.15	154	2005553	40.112	ng	99
47) 2-Chloronaphthalene	13.19	162	1489087	40.484	ng	99
48) 2-Nitroaniline	13.40	65	411330	40.580	ng	97
49) Acenaphthylene	14.04	152	2240529	42.023	ng	99
50) Dimethylphthalate	13.79	163	1782399	41.581	ng	100
51) 2,6-Dinitrotoluene	13.90	165	395594	41.931	ng	96
52) Acenaphthene	14.38	154	1345633	40.197	ng	98
53) 3-Nitroaniline	14.23	138	429335	42.018	ng	94
54) 2,4-Dinitrophenol	14.44	184	208977	42.101	ng	97
55) Dibenzofuran	14.72	168	2225621	39.979	ng	100
56) 4-Nitrophenol	14.55	139	357790	40.872	ng	97
57) 2,4-Dinitrotoluene	14.69	165	543112	42.831	ng	97
58) Fluorene	15.37	166	1671408	40.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	473752	42.671	ng	98
60) Diethylphthalate	15.16	149	1811120	42.604	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	952063	40.529	ng	97
62) 4-Nitroaniline	15.40	138	458715	40.997	ng	97
63) Azobenzene	15.66	77	1717192	41.559	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	333432	41.954	ng	96
66) n-Nitrosodiphenylamine	15.59	169	1616226	42.101	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	598526	42.960	ng	94
68) Hexachlorobenzene	16.37	284	656467	40.564	ng	99
69) Atrazine	16.54	200	588759	42.851	ng	98
70) Pentachlorophenol	16.72	266	471536	42.533	ng	100
71) Phenanthrene	17.11	178	2768443	40.439	ng	100
72) Anthracene	17.20	178	2739783	42.119	ng	99
73) Carbazole	17.47	167	2812536	42.327	ng	99
74) Di-n-butylphthalate	18.04	149	3030006	43.235	ng	100
75) Fluoranthene	19.13	202	3279711	42.575	ng	99
77) Benzidine	19.33	184	1799339	47.766	ng	98
78) Pyrene	19.49	202	3456255	41.625	ng	100
80) Butylbenzylphthalate	20.41	149	1284681	41.757	ng	95
81) Benzo(a)anthracene	21.24	228	3406960	40.752	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	1327314	42.598	ng	100
83) Chrysene	21.30	228	3310192	40.003	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1978951	41.717	ng	99
85) Di-n-octyl phthalate	22.06	149	3284242	41.018	ng	100
86) Indeno(1,2,3-cd)pyrene	25.70	276	3748062	40.496	ng	99
88) Benzo(b)fluoranthene	22.82	252	3367750	40.687	ng	100
89) Benzo(k)fluoranthene	22.86	252	3367420	40.544	ng	99
90) Benzo(a)pyrene	23.39	252	3209905	40.844	ng	99
91) Dibenzo(a,h)anthracene	25.71	278	3170096	40.623	ng	100
92) Benzo(g,h,i)perylene	26.38	276	3110713	40.219	ng	98

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

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