Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016488.D
Acq On : 21 Aug 2018 16:29
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM082118

Manual Integrations APPROVED
Sohil
8/22/2018 6:07:00 PM

Quant Time: Aug 21 17:02:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	155600	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	605568	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	422435	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1274074	20.00	ng		0.00
75) Chrysene-d12	21.55	240	1857928	20.00	ng		0.00
86) Perylene-d12	23.84	264	2051146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	588182	74.07	ng		0.00
7) Phenol-d6	7.20	99	774257	73.69	ng		0.00
23) Nitrobenzene-d5	9.21	82	1030821	77.72	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	873594	73.98	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	3402984	77.43	ng		0.00
78) Terphenyl-d14	20.00	244	7477631	85.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	161234	36.755	ng	#	100
3) Pyridine	3.81	79	332089	36.385	ng	#	83
4) n-Nitrosodimethylamine	3.73	42	145599	35.808	ng	#	79
6) Aniline	7.36	93	444625	37.815	ng	#	92
8) 2-Chlorophenol	7.58	128	355925	37.670	ng		98
9) Benzaldehyde	7.17	77	278810	38.235	ng	#	82
10) Phenol	7.22	94	379951	36.564	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	294091	37.742	ng		98
12) 1,3-Dichlorobenzene	7.90	146	473634	37.809	ng	#	88
13) 1,4-Dichlorobenzene	8.06	146	477412	37.136	ng		98
14) 1,2-Dichlorobenzene	8.37	146	459495	36.381	ng		95
15) Benzyl Alcohol	8.28	79	331875	34.012	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.56	45	195647	36.464	ng	#	48
17) 2-Methylphenol	8.48	107	274762	36.514	ng	#	79
18) Hexachloroethane	9.09	117	222918	37.639	ng	#	52
19) n-Nitroso-di-n-propylamine	8.84	70	305531	37.088	ng	#	83
20) 3+4-Methylphenols	8.82	107	377865	36.319	ng		79
22) Acetophenone	8.87	105	552543	37.892	ng	#	97
24) Nitrobenzene	9.26	77	508567	38.378	ng	#	89
25) Isophorone	9.77	82	695080	39.213	ng	#	95
26) 2-Nitrophenol	9.96	139	225723m	39.844	ng		
27) 2,4-Dimethylphenol	10.01	122	278100	37.669	ng	#	81
28) bis(2-Chloroethoxy)methane	10.25	93	410968	38.839	ng		96
29) 2,4-Dichlorophenol	10.49	162	451172	40.832	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	672384	40.104	ng		95
31) Naphthalene	10.88	128	1091450	37.830	ng		98
32) Benzoic acid	10.22	122	235504m	38.125	ng		
33) 4-Chloroaniline	11.01	127	474670	39.092	ng	#	88
34) Hexachlorobutadiene	11.13	225	618069	38.623	ng		97
35) Caprolactam	11.83	113	98111m	37.004	ng		
36) 4-Chloro-3-methylphenol	12.13	107	409332	38.534	ng		88
37) 2-Methylnaphthalene	12.49	142	875338	38.755	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	910957	38.183	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	340313	40.437	ng		99

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42) 2,4,6-Trichlorophenol	13.10	196	587642	41.189	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	552445	39.641	ng	#	93
45) 1,1'-Biphenyl	13.49	154	1383581	37.352	ng		98
46) 2-Chloronaphthalene	13.55	162	1131159	37.588	ng		93
47) 2-Nitroaniline	13.77	65	284595	35.505	ng		85
48) Acenaphthylene	14.39	152	1581498	37.230	ng		99
49) Dimethylphthalate	14.13	163	1566875	38.608	ng	#	99
50) 2,6-Dinitrotoluene	14.27	165	309405	39.086	ng	#	82
51) Acenaphthene	14.73	154	987037	37.822	ng		98
52) 3-Nitroaniline	14.60	138	270392m	37.540	ng		
53) 2,4-Dinitrophenol	14.84	184	155128	39.159	ng	#	70
54) Dibenzofuran	15.06	168	1901430	38.060	ng	#	91
55) 4-Nitrophenol	14.93	139	172955	37.648	ng	#	80
56) 2,4-Dinitrotoluene	15.07	165	489151	37.057	ng		95
57) Fluorene	15.72	166	1425845	37.781	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	514839	38.437	ng	#	100
59) Diethylphthalate	15.48	149	1580331	37.345	ng		96
60) 4-Chlorophenyl-phenylether	15.70	204	1197342	37.832	ng		91
61) 4-Nitroaniline	15.77	138	260905	37.064	ng	#	1
62) Azobenzene	15.99	77	1685811	37.402	ng		92
64) 4,6-Dinitro-2-methylphenol	15.83	198	359138	37.098	ng	#	59
65) n-Nitrosodiphenylamine	15.92	169	1351140	37.697	ng		96
66) 4-Bromophenyl-phenylether	16.59	248	736406	37.617	ng		93
67) Hexachlorobenzene	16.71	284	869300	38.077	ng	#	90
68) Atrazine	16.87	200	638809	39.053	ng		92
69) Pentachlorophenol	17.06	266	452328	37.446	ng		98
70) Phenanthrene	17.45	178	2494361	37.879	ng		99
71) Anthracene	17.54	178	2490527	38.087	ng		99
72) Carbazole	17.82	167	2223056	37.830	ng		98
73) Di-n-butylphthalate	18.34	149	2714058	37.883	ng	#	97
74) Fluoranthene	19.44	202	3669962	38.010	ng		95
76) Benzidine	19.64	184	1298464	36.341	ng		99
77) Pyrene	19.81	202	3974549	39.363	ng		99
79) Butylbenzylphthalate	20.67	149	1370198	39.314	ng	#	81
80) Benzo(a)anthracene	21.53	228	4195063	38.406	ng		99
81) 3,3'-Dichlorobenzidine	21.47	252	1841088	37.866	ng	#	97
82) Chrysene	21.59	228	3968473	38.078	ng		99
83) Bis(2-ethylhexyl)phthalate	21.43	149	2007997	38.755	ng	#	94
84) Di-n-octyl phthalate	22.32	149	3346570	38.867	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.17	276	5808708	38.756	ng	#	93
87) Benzo(b)fluoranthene	23.15	252	4480559	37.894	ng	#	90
88) Benzo(k)fluoranthene	23.19	252	4601524	38.248	ng	#	94
89) Benzo(a)pyrene	23.74	252	4348020	37.793	ng	#	94
90) Dibenzo(a,h)anthracene	26.17	278	4914284	38.114	ng	#	87
91) Benzo(g,h,i)perylene	26.88	276	4357938	37.653	ng	#	82

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

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