Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015774.D
Acq On : 05 Jul 2018 19:16
Operator : SJ/JU
Sample : J3814-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
8782-AAMSD

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:46 PM

Quant Time: Jul 06 07:04:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	121335	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	510515	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	293454	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	656739	20.00	ng		0.00
75) Chrysene-d12	21.77	240	693314	20.00	ng		0.00
86) Perylene-d12	24.17	264	594753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	951681	134.51	ng		0.00
7) Phenol-d6	7.47	99	1130283	116.69	ng		0.00
23) Nitrobenzene-d5	9.50	82	941571	89.99	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	561323	146.39	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2051853	86.81	ng		0.00
78) Terphenyl-d14	20.22	244	3367124	90.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	94411	32.265	ng	#	100
3) Pyridine	4.03	79	200862	26.014	ng	#	80
4) n-Nitrosodimethylamine	3.93	42	213506	35.512	ng	#	46
6) Aniline	7.64	93	166324	14.164	ng		93
8) 2-Chlorophenol	7.87	128	365208	43.010	ng		97
9) Benzaldehyde	7.45	77	148021	24.247	ng		90
10) Phenol	7.50	94	355202	36.497	ng		91
11) bis(2-Chloroethyl)ether	7.73	93	313679	39.621	ng		89
12) 1,3-Dichlorobenzene	8.20	146	376484	39.990	ng	#	92
13) 1,4-Dichlorobenzene	8.35	146	385540	39.601	ng		95
14) 1,2-Dichlorobenzene	8.67	146	376318	39.968	ng		95
15) Benzyl Alcohol	8.56	79	338114	40.209	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	484389	56.022	ng		98
17) 2-Methylphenol	8.76	107	284927	42.257	ng	#	87
18) Hexachloroethane	9.40	117	156328	40.609	ng		93
19) n-Nitroso-di-n-propylamine	9.13	70	292576	37.586	ng	#	81
20) 3+4-Methylphenols	9.10	107	377895	40.348	ng		91
22) Acetophenone	9.16	105	543093	40.837	ng	#	88
24) Nitrobenzene	9.55	77	440427	43.242	ng		99
25) Isophorone	10.07	82	756611	47.376	ng		95
26) 2-Nitrophenol	10.26	139	192880	43.978	ng	#	64
27) 2,4-Dimethylphenol	10.30	122	326569	49.015	ng		88
28) bis(2-Chloroethoxy)methane	10.54	93	440804	42.366	ng		99
29) 2,4-Dichlorophenol	10.79	162	343240	46.515	ng		97
30) 1,2,4-Trichlorobenzene	11.00	180	364996	42.586	ng		97
31) Naphthalene	11.19	128	1114643	42.113	ng		99
32) Benzoic acid	10.48	122	198536m	33.656	ng		
33) 4-Chloroaniline	11.32	127	76081	7.050	ng	#	89
34) Hexachlorobutadiene	11.45	225	233786	40.872	ng		97
35) Caprolactam	12.12	113	73553m	30.056	ng		
36) 4-Chloro-3-methylphenol	12.42	107	370814	43.795	ng		89
37) 2-Methylnaphthalene	12.78	142	837337	44.472	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	413818	43.937	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	461975	102.082	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	270615	45.454	ng		99
43) 2,4,5-Trichlorophenol	13.46	196	287128	44.645	ng	#	85
45) 1,1'-Biphenyl	13.77	154	1067713	42.082	ng		99
46) 2-Chloronaphthalene	13.83	162	822781	43.373	ng	#	92
47) 2-Nitroaniline	14.03	65	277489	41.946	ng	#	81
48) Acenaphthylene	14.66	152	1332051	43.165	ng		99
49) Dimethylphthalate	14.39	163	1058008	40.880	ng		99
50) 2,6-Dinitrotoluene	14.52	165	220553	43.707	ng	#	76
51) Acenaphthene	15.00	154	774182	40.316	ng		99
52) 3-Nitroaniline	14.85	138	108517	19.647	ng	#	81
53) 2,4-Dinitrophenol	15.07	184	248736	96.883	ng		93
54) Dibenzofuran	15.33	168	1246446	42.124	ng	#	89
55) 4-Nitrophenol	15.15	139	326762	80.162	ng	#	70
56) 2,4-Dinitrotoluene	15.30	165	316160	43.397	ng		95
57) Fluorene	15.97	166	1017384	41.695	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	248435	45.777	ng	#	100
59) Diethylphthalate	15.73	149	1117905	40.308	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	510096	40.627	ng	#	89
61) 4-Nitroaniline	16.01	138	227051	39.626	ng	#	38
62) Azobenzene	16.25	77	1149636	44.221	ng		83
64) 4,6-Dinitro-2-methylphenol	16.07	198	163248	40.889	ng		90
65) n-Nitrosodiphenylamine	16.17	169	870649	38.690	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	306355	41.780	ng	#	84
67) Hexachlorobenzene	16.97	284	337913	41.240	ng	#	82
68) Atrazine	17.11	200	314830	42.534	ng		98
69) Pentachlorophenol	17.31	266	381377	75.220	ng		98
70) Phenanthrene	17.70	178	1530315	40.730	ng		99
71) Anthracene	17.79	178	1567552	42.483	ng		99
72) Carbazole	18.06	167	1398145	40.663	ng		98
73) Di-n-butylphthalate	18.58	149	1890682	40.796	ng	#	97
74) Fluoranthene	19.68	202	1750989	40.538	ng		99
76) Benzidine	19.86	184	255558	12.581	ng		99
77) Pyrene	20.04	202	1769833	40.980	ng		99
79) Butylbenzylphthalate	20.89	149	872005	41.770	ng	#	85
80) Benzo(a)anthracene	21.75	228	1824548	41.507	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	349695	22.141	ng		99
82) Chrysene	21.80	228	1685188	41.153	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	1278631	41.452	ng		96
84) Di-n-octyl phthalate	22.56	149	2099703	41.746	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.66	276	1527072	40.139	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1658692	41.772	ng	#	96
88) Benzo(k)fluoranthene	23.49	252	1634901	42.384	ng		98
89) Benzo(a)pyrene	24.07	252	1518111	43.431	ng		99
90) Dibenzo(a,h)anthracene	26.66	278	1307025	41.560	ng		98
91) Benzo(g,h,i)perylene	27.42	276	1164708	42.150	ng	#	94

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

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