Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015764.D
Acq On : 05 Jul 2018 12:57
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:22 PM

Quant Time: Jul 05 17:39:50 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 15:37:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	81349	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	348795	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	210596	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	475921	20.00	ng		0.00
75) Chrysene-d12	21.76	240	519220	20.00	ng		0.00
86) Perylene-d12	24.17	264	503462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	20342m	4.25	ng		0.00
7) Phenol-d6	7.47	99	26501	3.67	ng		0.00
23) Nitrobenzene-d5	9.50	82	30885m	4.82	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	9924	3.28	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	77876	4.97	ng		0.00
78) Terphenyl-d14	20.22	244	133784	5.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	5042	2.827	ng	#	100
3) Pyridine	4.07	79	10694m	2.062	ng		
4) n-Nitrosodimethylamine	3.95	42	9951m	3.430	ng		
6) Aniline	7.64	93	17003	1.854	ng		98
8) 2-Chlorophenol	7.87	128	12468	2.104	ng		97
9) Benzaldehyde	7.46	77	11461m	2.491	ng		
10) Phenol	7.50	94	13877	1.893	ng		92
11) bis(2-Chloroethyl)ether	7.73	93	12557	2.194	ng		95
12) 1,3-Dichlorobenzene	8.20	146	15273	2.411	ng	#	87
13) 1,4-Dichlorobenzene	8.35	146	16364	2.532	ng		95
14) 1,2-Dichlorobenzene	8.67	146	14800	2.343	ng		95
15) Benzyl Alcohol	8.57	79	12388m	2.141	ng		
16) 2,2'-oxybis(1-Chloropropan	8.85	45	13805	1.451	ng		95
17) 2-Methylphenol	8.77	107	9441	1.830	ng	#	82
18) Hexachloroethane	9.40	117	5888	2.473	ng		91
19) n-Nitroso-di-n-propylamine	9.13	70	10896	1.994	ng	#	84
20) 3+4-Methylphenols	9.10	107	11770	1.650	ng		86
22) Acetophenone	9.16	105	20238	2.359	ng	#	86
24) Nitrobenzene	9.55	77	16239m	2.416	ng		
25) Isophorone	10.06	82	23165	1.793	ng	#	88
27) 2,4-Dimethylphenol	10.31	122	10102	1.776	ng		94
28) bis(2-Chloroethoxy)methane	10.54	93	16009	2.108	ng		96
29) 2,4-Dichlorophenol	10.80	162	9629	1.816	ng		95
30) 1,2,4-Trichlorobenzene	11.00	180	13998	2.458	ng	#	92
31) Naphthalene	11.19	128	43869	2.427	ng		98
33) 4-Chloroaniline	11.32	127	15770m	1.966	ng		
34) Hexachlorobutadiene	11.45	225	9510	2.874	ng		88
36) 4-Chloro-3-methylphenol	12.42	107	11770	1.867	ng		93
37) 2-Methylnaphthalene	12.78	142	29558	2.176	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	15043	2.317	ng	#	100
42) 2,4,6-Trichlorophenol	13.39	196	7810	1.775	ng		94
43) 2,4,5-Trichlorophenol	13.47	196	9371	1.940	ng	#	80
45) 1,1'-Biphenyl	13.77	154	42558	2.445	ng		98
46) 2-Chloronaphthalene	13.83	162	31828	2.385	ng	#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	14.66	152	47211	2.206	ng		97
49) Dimethylphthalate	14.38	163	44404	2.456	ng		96
50) 2,6-Dinitrotoluene	14.52	165	7103	1.848	ng	#	54
51) Acenaphthene	15.00	154	32075	2.457	ng		98
54) Dibenzofuran	15.33	168	50032	2.381	ng	#	85
57) Fluorene	15.97	166	39656	2.294	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.56	232	7667	1.716	ng	#	100
59) Diethylphthalate	15.72	149	46973	2.517	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	20909	2.434	ng	#	85
62) Azobenzene	16.24	77	38124	2.193	ng	#	77
65) n-Nitrosodiphenylamine	16.17	169	35888	2.442	ng		100
66) 4-Bromophenyl-phenylether	16.84	248	11435	2.244	ng	#	73
67) Hexachlorobenzene	16.96	284	13079	2.232	ng	#	65
68) Atrazine	17.10	200	12192	2.382	ng		98
70) Phenanthrene	17.70	178	63745	2.374	ng		99
71) Anthracene	17.79	178	58717	2.136	ng		97
72) Carbazole	18.06	167	55496	2.178	ng		99
73) Di-n-butylphthalate	18.57	149	68654	2.153	ng	#	96
74) Fluoranthene	19.68	202	71677	2.219	ng		99
76) Benzidine	19.86	184	29301m	1.658	ng		
77) Pyrene	20.04	202	73574	2.344	ng		98
79) Butylbenzylphthalate	20.89	149	31524	2.088	ng		90
80) Benzo(a)anthracene	21.75	228	80851	2.446	ng		97
81) 3,3'-Dichlorobenzidine	21.67	252	26395	2.028	ng		90
82) Chrysene	21.80	228	78789	2.570	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	48246	2.160	ng		98
84) Di-n-octyl phthalate	22.55	149	78806	2.023	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.64	276	71081	1.703	ng	#	92
87) Benzo(b)fluoranthene	23.44	252	82022	2.683	ng	#	94
88) Benzo(k)fluoranthene	23.49	252	77478	2.663	ng		98
89) Benzo(a)pyrene	24.06	252	70345	2.381	ng		98
90) Dibenzo(a,h)anthracene	26.64	278	62488	2.036	ng		97
91) Benzo(g,h,i)perylene	27.41	276	57498	1.932	ng	#	93

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

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