Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108632.D
Acq On : 30 Aug 2018 10:47
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
8/31/2018 12:17:46 PM

Quant Time: Aug 30 14:57:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 12:33:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	126281	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	560937	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	302465	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	665122	20.00	ng		0.00
75) Chrysene-d12	14.20	240	620746	20.00	ng		0.00
86) Perylene-d12	15.75	264	550606	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	39083m	5.60	ng		0.15
7) Phenol-d6	6.68	99	58351m	6.30	ng		0.03
23) Nitrobenzene-d5	7.57	82	53628	5.33	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	18985	6.29	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	123225	6.54	ng		0.00
78) Terphenyl-d14	13.12	244	160309	6.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	9738m	2.717	ng		
8) 2-Chlorophenol	6.81	128	20674	2.632	ng		88
10) Phenol	6.71	94	30443m	3.175	ng		
12) 1,3-Dichlorobenzene	6.94	146	25085	2.762	ng		97
13) 1,4-Dichlorobenzene	7.02	146	27707	3.036	ng		99
14) 1,2-Dichlorobenzene	7.17	146	28472	3.354	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	43525	2.726	ng		87
18) Hexachloroethane	7.50	117	9825	3.024	ng		90
19) n-Nitroso-di-n-propylamine	7.40	70	16026	2.557	ng		93
22) Acetophenone	7.42	105	34625m	2.640	ng		
24) Nitrobenzene	7.59	77	23183	2.281	ng		97
25) Isophorone	7.81	82	41217	2.151	ng		94
26) 2-Nitrophenol	7.92	139	10254	2.671	ng		94
27) 2,4-Dimethylphenol	7.95	122	21000m	2.469	ng		
28) bis(2-Chloroethoxy)methane	8.03	93	28351m	2.535	ng		
29) 2,4-Dichlorophenol	8.17	162	20210	2.582	ng		95
30) 1,2,4-Trichlorobenzene	8.22	180	23807	2.759	ng		99
31) Naphthalene	8.30	128	67430m	2.643	ng		
33) 4-Chloroaniline	8.39	127	28566	2.570	ng		97
34) Hexachlorobutadiene	8.41	225	16226	2.971	ng		96
36) 4-Chloro-3-methylphenol	8.85	107	22178	2.627	ng		94
37) 2-Methylnaphthalene	9.00	142	43140	2.390	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	26163	2.817	ng	#	96
42) 2,4,6-Trichlorophenol	9.28	196	13056	2.265	ng		97
43) 2,4,5-Trichlorophenol	9.34	196	20015	3.154	ng		93
45) 1,1'-Biphenyl	9.46	154	68027	3.050	ng		94
46) 2-Chloronaphthalene	9.49	162	52466	2.977	ng		96
47) 2-Nitroaniline	9.61	65	16121	2.827	ng	#	81
48) Acenaphthylene	9.91	152	79045	2.837	ng		98
49) Dimethylphthalate	9.75	163	58863	2.794	ng		98
50) 2,6-Dinitrotoluene	9.82	165	11980	2.718	ng	#	69
51) Acenaphthene	10.08	154	48278	2.829	ng		99
52) 3-Nitroaniline	10.04	138	12909	2.677	ng	#	60
54) Dibenzofuran	10.25	168	74628	3.018	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 2,4-Dinitrotoluene	10.24	165	16983	2.993	ng	#	85
57) Fluorene	10.60	166	57015	2.913	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	17776	3.352	ng	#	85
59) Diethylphthalate	10.45	149	62759	3.076	ng		98
60) 4-Chlorophenyl-phenylether	10.58	204	32565	3.193	ng		92
61) 4-Nitroaniline	10.65	138	13944	2.924	ng		89
62) Azobenzene	10.74	77	63585	3.018	ng		93
65) n-Nitrosodiphenylamine	10.70	169	56875	2.894	ng		93
66) 4-Bromophenyl-phenylether	11.08	248	20151	2.788	ng	#	86
67) Hexachlorobenzene	11.14	284	21783	2.864	ng	#	86
69) Pentachlorophenol	11.35	266	8585	2.358	ng		90
70) Phenanthrene	11.57	178	88004	2.805	ng		98
71) Anthracene	11.62	178	92935	2.890	ng		98
72) Carbazole	11.79	167	91121	3.190	ng		99
73) Di-n-butylphthalate	12.08	149	109233	3.376	ng		99
74) Fluoranthene	12.76	202	104719	3.059	ng		94
77) Pyrene	13.00	202	109414	2.784	ng		98
79) Butylbenzylphthalate	13.59	149	46205	2.961	ng	#	98
80) Benzo(a)anthracene	14.18	228	98037	2.752	ng		97
81) 3,3'-Dichlorobenzidine	14.15	252	37496	2.937	ng	#	97
82) Chrysene	14.22	228	94232	2.885	ng		97
83) Bis(2-ethylhexyl)phthalate	14.14	149	62428	2.954	ng		99
84) Di-n-octyl phthalate	14.76	149	98709	3.063	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.37	276	69683	2.462	ng	#	91
87) Benzo(b)fluoranthene	15.28	252	76997	2.340	ng	#	96
88) Benzo(k)fluoranthene	15.31	252	89754	2.968	ng	#	96
89) Benzo(a)pyrene	15.68	252	76088	2.583	ng		96
90) Dibenzo(a,h)anthracene	17.38	278	57440	2.356	ng	#	91
91) Benzo(g,h,i)perylene	17.86	276	54809	2.283	ng	#	89

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

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