Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010521\
Data File : BF122917.D
Acq On : 5 Jan 2021 12:07
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
1/6/2021 12:02:06 PM

Quant Time: Jan 05 14:23:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 05 14:20:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	106570	20.00	ng		0.00
21) Naphthalene-d8	8.086	136	405838	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	216606	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	411312	20.00	ng		0.00
76) Chrysene-d12	13.986	240	402391	20.00	ng		0.00
86) Perylene-d12	15.457	264	414390	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	69346	10.30	ng		0.00
7) Phenol-d6	6.439	99	91169	10.21	ng		0.00
23) Nitrobenzene-d5	7.363	82	78599	9.70	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	27190	9.59	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	172733	10.79	ng		0.00
79) Terphenyl-d14	12.921	244	293254	12.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	17181	5.43	ng		86
3) Pyridine	3.299	79	33924	4.06	ng		91
4) n-Nitrosodimethylamine	3.210	42	13362	3.98	ng	#	91
6) Aniline	6.463	93	51838	4.93	ng	#	91
8) 2-Chlorophenol	6.587	128	37519	5.06	ng		98
10) Phenol	6.451	94	46709	5.05	ng		92
11) bis(2-Chloroethyl)ether	6.534	93	33047	4.68	ng		95
12) 1,3-Dichlorobenzene	6.739	146	46043	5.24	ng		97
13) 1,4-Dichlorobenzene	6.822	146	45545	5.15	ng		98
14) 1,2-Dichlorobenzene	6.975	146	43831	5.13	ng		98
15) Benzyl Alcohol	6.945	79	27822	4.53	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	45540	4.52	ng		88
17) 2-Methylphenol	7.063	107	30643	5.20	ng		96
18) Hexachloroethane	7.316	117	16274	5.16	ng		97
19) n-Nitroso-di-n-propyla...	7.210	70	25851	5.06	ng		99
20) 3+4-Methylphenols	7.222	107	40842	5.48	ng	#	80
22) Acetophenone	7.210	105	52133	5.17	ng		95
24) Nitrobenzene	7.386	77	38268	4.75	ng		98
25) Isophorone	7.622	82	63917	4.58	ng		100
26) 2-Nitrophenol	7.710	139	17812	4.53	ng		95
27) 2,4-Dimethylphenol	7.745	122	26680	4.63	ng		98
28) bis(2-Chloroethoxy)met...	7.839	93	43308	4.53	ng		99
29) 2,4-Dichlorophenol	7.957	162	31392	4.67	ng		100
30) 1,2,4-Trichlorobenzene	8.034	180	37991	4.98	ng		98
31) Naphthalene	8.110	128	115337	5.15	ng		98
32) Benzoic acid	7.857	122	9276m	2.02	ng		
33) 4-Chloroaniline	8.163	127	46952	5.02	ng		99
34) Hexachlorobutadiene	8.228	225	23173	4.94	ng		95
35) Caprolactam	8.498	113	9268	4.57	ng		99
36) 4-Chloro-3-methylphenol	8.651	107	31695	4.78	ng		97
37) 2-Methylnaphthalene	8.804	142	75918	5.12	ng		98
38) 1-Methylnaphthalene	8.904	142	71685	5.12	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	36016	5.02	ng		98
41) Hexachlorocyclopentadiene	8.957	237	821	0.26	ng		90
43) 2,4,6-Trichlorophenol	9.086	196	22309	4.50	ng		98
44) 2,4,5-Trichlorophenol	9.133	196	23164	4.52	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.269	154	95177	5.29	ng		95
47) 2-Chloronaphthalene	9.292	162	77557	5.21	ng		96
48) 2-Nitroaniline	9.392	65	20175	4.65	ng		94
49) Acenaphthylene	9.710	152	112777	5.13	ng		98
50) Dimethylphthalate	9.563	163	86880	5.02	ng		99
51) 2,6-Dinitrotoluene	9.633	165	17700	4.84	ng		94
52) Acenaphthene	9.880	154	68539	4.82	ng		99
53) 3-Nitroaniline	9.804	138	20818	4.93	ng		98
54) 2,4-Dinitrophenol	9.933	184	2007	1.12	ng	#	87
55) Dibenzofuran	10.051	168	103846	5.19	ng		98
56) 4-Nitrophenol	9.992	139	8257	2.74	ng		95
57) 2,4-Dinitrotoluene	10.039	165	23807	4.89	ng		95
58) Fluorene	10.392	166	84329	5.30	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	19949	4.43	ng	#	97
60) Diethylphthalate	10.263	149	84975	5.05	ng		98
61) 4-Chlorophenyl-phenyle...	10.386	204	41915	5.35	ng		94
62) 4-Nitroaniline	10.416	138	21756	5.08	ng		97
63) Azobenzene	10.545	77	75823	4.90	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	7633	3.04	ng		98
66) n-Nitrosodiphenylamine	10.504	169	72267	4.97	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	26291	4.72	ng		95
68) Hexachlorobenzene	10.951	284	30717	4.99	ng		95
69) Atrazine	11.033	200	23102	4.89	ng		97
70) Pentachlorophenol	11.157	266	7825	2.40	ng		97
71) Phenanthrene	11.363	178	131963	5.40	ng		98
72) Anthracene	11.410	178	130535	5.39	ng		97
73) Carbazole	11.569	167	115787	5.27	ng		98
74) Di-n-butylphthalate	11.898	149	141382	5.12	ng		97
75) Fluoranthene	12.551	202	140322	5.47	ng		98
77) Benzidine	12.680	184	70695	8.12	ng		99
78) Pyrene	12.786	202	146441	4.71	ng		98
80) Butylbenzylphthalate	13.398	149	60269	4.30	ng		99
81) Benzo(a)anthracene	13.980	228	140368	5.22	ng		96
82) 3,3'-Dichlorobenzidine	13.939	252	49232	5.11	ng		96
83) Chrysene	14.015	228	139695	5.22	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	85994	4.48	ng		99
85) Di-n-octyl phthalate	14.574	149	141831	4.46	ng		98
87) Indeno(1,2,3-cd)pyrene	16.909	276	139367	5.12	ng		99
88) Benzo(b)fluoranthene	15.027	252	137262	4.72	ng		98
89) Benzo(k)fluoranthene	15.057	252	138400m	5.21	ng		
90) Benzo(a)pyrene	15.392	252	127576	5.02	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	115065	5.17	ng		99
92) Benzo(g,h,i)perylene	17.345	276	109652	5.09	ng		97

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

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