Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123385.D
Acq On : 18 Mar 2021 16:10
Operator : JU/CG
Sample : M1682-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMS

Manual Integrations APPROVED
mohammad
3/19/2021 12:06:28 PM

Quant Time: Mar 18 16:47:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 02:38:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	203856	20.00	ng		0.00
21) Naphthalene-d8	8.075	136	856147	20.00	ng		# 0.00
39) Acenaphthene-d10	9.833	164	423458	20.00	ng		0.00
64) Phenanthrene-d10	11.322	188	661742	20.00	ng		# 0.00
76) Chrysene-d12	13.968	240	336199	20.00	ng		# 0.00
86) Perylene-d12	15.409	264	318207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1120514	78.06	ng		0.00
7) Phenol-d6	6.439	99	1327485	71.19	ng		0.00
23) Nitrobenzene-d5	7.357	82	822232	56.41	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	220484	74.50	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1326000	57.63	ng		0.00
79) Terphenyl-d14	12.904	244	1054081	61.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	260485	39.02	ng	#	84
3) Pyridine	3.281	79	697275	39.69	ng		89
4) n-Nitrosodimethylamine	3.228	42	321646	41.23	ng		94
6) Aniline	6.457	93	288915	13.15	ng	#	56
8) 2-Chlorophenol	6.581	128	616560	39.80	ng		98
9) Benzaldehyde	6.339	77	464832	Below Cal			96
10) Phenol	6.451	94	766076	48.11	ng		93
11) bis(2-Chloroethyl)ether	6.528	93	618202	41.68	ng		97
12) 1,3-Dichlorobenzene	6.728	146	614821	39.99	ng		97
13) 1,4-Dichlorobenzene	6.810	146	609683	37.98	ng		99
14) 1,2-Dichlorobenzene	6.957	146	591930	37.96	ng		97
15) Benzyl Alcohol	6.939	79	487070	40.78	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	1029666	42.05	ng		98
17) 2-Methylphenol	7.057	107	487791	39.78	ng		98
18) Hexachloroethane	7.304	117	229518	41.21	ng		93
19) n-Nitroso-di-n-propyla...	7.204	70	372329	36.38	ng	#	82
20) 3+4-Methylphenols	7.210	107	597993	55.50	ng	#	77
22) Acetophenone	7.198	105	750106	36.64	ng	#	95
24) Nitrobenzene	7.375	77	607363	37.63	ng		96
25) Isophorone	7.616	82	1158160	38.28	ng		98
26) 2-Nitrophenol	7.692	139	349184	40.00	ng	#	87
27) 2,4-Dimethylphenol	7.734	122	549910	43.55	ng		92
28) bis(2-Chloroethoxy)met...	7.828	93	751150	42.79	ng		99
29) 2,4-Dichlorophenol	7.939	162	479570	38.95	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	455497	38.06	ng		99
31) Naphthalene	8.098	128	1625095	36.24	ng		99
32) Benzoic acid	7.881	122	450857	48.34	ng		90
33) 4-Chloroaniline	8.151	127	96842	5.25	ng		98
34) Hexachlorobutadiene	8.216	225	220654	37.65	ng		99
35) Caprolactam	8.522	113	184463m	43.26	ng		
36) 4-Chloro-3-methylphenol	8.645	107	515532	39.88	ng		98
37) 2-Methylnaphthalene	8.786	142	1097950	37.11	ng		99
38) 1-Methylnaphthalene	8.886	142	1017265	36.57	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	370677	37.25	ng	#	97
41) Hexachlorocyclopentadiene	8.945	237	332615	97.46	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	301061	37.83	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	329682	38.31	ng		96
46) 1,1'-Biphenyl	9.251	154	1219467	35.31	ng		97
47) 2-Chloronaphthalene	9.280	162	955321	34.88	ng		98
48) 2-Nitroaniline	9.380	65	341521	38.10	ng		94
49) Acenaphthylene	9.692	152	1558135	36.90	ng		100
50) Dimethylphthalate	9.557	163	1186435	39.64	ng		99
51) 2,6-Dinitrotoluene	9.622	165	265842	37.31	ng		96
52) Acenaphthene	9.869	154	891035	35.91	ng		99
53) 3-Nitroaniline	9.786	138	108721	12.16	ng		97
54) 2,4-Dinitrophenol	9.898	184	243650	68.33	ng		89
55) Dibenzofuran	10.039	168	1253781	36.75	ng		99
56) 4-Nitrophenol	9.969	139	458805	76.95	ng		86
57) 2,4-Dinitrotoluene	10.027	165	340094	37.43	ng		97
58) Fluorene	10.380	166	929722	36.76	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	231627	38.11	ng	#	82
60) Diethylphthalate	10.257	149	1097969	37.05	ng		96
61) 4-Chlorophenyl-phenyle...	10.374	204	386767	37.74	ng		94
62) 4-Nitroaniline	10.410	138	285662	32.18	ng	#	78
63) Azobenzene	10.533	77	1102637	34.78	ng		93
65) 4,6-Dinitro-2-methylph...	10.433	198	158958	34.14	ng	#	74
66) n-Nitrosodiphenylamine	10.492	169	880560	37.21	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	241017	38.25	ng	#	89
68) Hexachlorobenzene	10.933	284	245651	37.57	ng	#	90
69) Atrazine	11.027	200	268821	42.59	ng		96
70) Pentachlorophenol	11.133	266	266712	75.20	ng		97
71) Phenanthrene	11.345	178	1413162	34.99	ng		100
72) Anthracene	11.398	178	1424611	35.06	ng		99
73) Carbazole	11.557	167	1344089	32.49	ng		99
74) Di-n-butylphthalate	11.886	149	1710954	36.42	ng		99
75) Fluoranthene	12.539	202	1354593	40.58	ng		98
77) Benzidine	12.657	184	523592	42.87	ng		98
78) Pyrene	12.763	202	1351672	43.83	ng		100
80) Butylbenzylphthalate	13.386	149	665235	45.74	ng		98
81) Benzo(a)anthracene	13.957	228	875720	39.51	ng		98
82) 3,3'-Dichlorobenzidine	13.915	252	177306	23.42	ng	#	96
83) Chrysene	13.992	228	904166	39.51	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	778148	44.41	ng	#	99
85) Di-n-octyl phthalate	14.557	149	1328016	44.57	ng		96
87) Indeno(1,2,3-cd)pyrene	16.845	276	952698	44.68	ng	#	86
88) Benzo(b)fluoranthene	14.998	252	862196	37.70	ng	#	95
89) Benzo(k)fluoranthene	15.027	252	732060	35.74	ng	#	96
90) Benzo(a)pyrene	15.351	252	751738	37.27	ng	#	95
91) Dibenzo(a,h)anthracene	16.862	278	767867	43.60	ng	#	91
92) Benzo(g,h,i)perylene	17.280	276	833334	44.51	ng	#	86

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

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