Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
Data File : BF121318.D
Acq On : 18 Aug 2020 11:01
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Aug 18 12:23:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 18 12:15:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	89707	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	349767	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	187358	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	371143	20.00	ng		0.00
76) Chrysene-d12	13.86	240	327308	20.00	ng		0.00
86) Perylene-d12	15.27	264	351150	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	229864	38.85	ng		0.00
7) Phenol-d6	6.33	99	297724	39.05	ng		0.00
23) Nitrobenzene-d5	7.26	82	243231	38.01	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	91493	39.66	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	511509	37.77	ng		0.00
79) Terphenyl-d14	12.80	244	646046	38.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	48591	19.297	ng		99
3) Pyridine	2.97	79	125357	19.124	ng		100
4) n-Nitrosodimethylamine	2.90	42	51203	19.073	ng		99
6) Aniline	6.36	93	170648	18.879	ng		92
8) 2-Chlorophenol	6.48	128	119521	18.369	ng		96
9) Benzaldehyde	6.24	77	89090	22.672	ng		94
10) Phenol	6.35	94	153599	18.570	ng		89
11) bis(2-Chloroethyl)ether	6.43	93	113788	19.058	ng		95
12) 1,3-Dichlorobenzene	6.63	146	132863	19.326	ng		99
13) 1,4-Dichlorobenzene	6.71	146	133397	19.197	ng		98
14) 1,2-Dichlorobenzene	6.86	146	125844	19.189	ng		96
15) Benzyl Alcohol	6.84	79	95460	18.689	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	172937	20.115	ng		99
17) 2-Methylphenol	6.96	107	95790	18.638	ng		97
18) Hexachloroethane	7.20	117	48982	19.933	ng		99
19) n-Nitroso-di-n-propylamine	7.11	70	82016	19.359	ng		99
20) 3+4-Methylphenols	7.11	107	123588	18.953	ng	#	74
22) Acetophenone	7.10	105	171239	19.008	ng		98
24) Nitrobenzene	7.28	77	124876	17.983	ng		97
25) Isophorone	7.52	82	218367	16.995	ng		97
26) 2-Nitrophenol	7.60	139	60871	18.091	ng		98
27) 2,4-Dimethylphenol	7.64	122	90786	16.840	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	151144	21.030	ng		99
29) 2,4-Dichlorophenol	7.85	162	99830	18.109	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	114359	18.795	ng		98
31) Naphthalene	8.00	128	356814	18.133	ng		99
32) Benzoic acid	7.75	122	43747	16.943	ng		95
33) 4-Chloroaniline	8.06	127	149729	18.645	ng		98
34) Hexachlorobutadiene	8.12	225	69355	18.839	ng		99
35) Caprolactam	8.40	113	31534	18.991	ng		98
36) 4-Chloro-3-methylphenol	8.54	107	100955	17.949	ng		98
37) 2-Methylnaphthalene	8.69	142	235115	18.157	ng		99
38) 1-Methylnaphthalene	8.79	142	221949	18.103	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	113003	18.001	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	23375	17.146	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	73951	18.522	ng		100
44) 2,4,5-Trichlorophenol	9.02	196	77088	17.776	ng		97
46) 1,1'-Biphenyl	9.16	154	289686	17.894	ng		99
47) 2-Chloronaphthalene	9.18	162	232534	18.660	ng		98
48) 2-Nitroaniline	9.28	65	68905	19.671	ng		91
49) Acenaphthylene	9.59	152	357146	18.044	ng		100
50) Dimethylphthalate	9.46	163	272219	19.309	ng		99
51) 2,6-Dinitrotoluene	9.52	165	57608	18.331	ng		95
52) Acenaphthene	9.77	154	215088	18.354	ng		98
53) 3-Nitroaniline	9.69	138	70762	19.720	ng		96
54) 2,4-Dinitrophenol	9.80	184	21111	22.693	ng	#	84
55) Dibenzofuran	9.94	168	333730	17.883	ng		97
56) 4-Nitrophenol	9.86	139	42099	18.180	ng		93
57) 2,4-Dinitrotoluene	9.93	165	75227	18.240	ng		98
58) Fluorene	10.28	166	255114	18.059	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	64963	18.947	ng		97
60) Diethylphthalate	10.16	149	281908	19.663	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	130696	19.022	ng		94
62) 4-Nitroaniline	10.30	138	73195	20.345	ng		99
63) Azobenzene	10.43	77	257656	17.987	ng		96
65) 4,6-Dinitro-2-methylphenol	10.34	198	34513	16.786	ng		90
66) n-Nitrosodiphenylamine	10.39	169	230037	18.076	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	82238	18.996	ng	#	92
68) Hexachlorobenzene	10.83	284	94330	19.108	ng		93
69) Atrazine	10.92	200	72986	19.174	ng		99
70) Pentachlorophenol	11.03	266	36251	19.927	ng		97
71) Phenanthrene	11.24	178	388258	18.286	ng		99
72) Anthracene	11.29	178	385334	18.085	ng		99
73) Carbazole	11.45	167	364234	17.479	ng		99
74) Di-n-butylphthalate	11.79	149	472882	20.105	ng		99
75) Fluoranthene	12.43	202	433270	18.326	ng		99
77) Benzidine	12.55	184	208079	24.183	ng		99
78) Pyrene	12.66	202	447052	18.341	ng		100
80) Butylbenzylphthalate	13.28	149	204997	20.590	ng		93
81) Benzo(a)anthracene	13.85	228	402607	18.136	ng		100
82) 3,3'-Dichlorobenzidine	13.81	252	158708	18.019	ng		99
83) Chrysene	13.88	228	412760	18.211	ng		100
84) Bis(2-ethylhexyl)phthalate	13.85	149	284294	20.717	ng		100
85) Di-n-octyl phthalate	14.46	149	517880	20.583	ng		100
87) Indeno(1,2,3-cd)pyrene	16.63	276	483504	18.520	ng		100
88) Benzo(b)fluoranthene	14.87	252	414106	17.600	ng		99
89) Benzo(k)fluoranthene	14.89	252	412778	18.892	ng		98
90) Benzo(a)pyrene	15.21	252	388204	18.280	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	401778	17.960	ng		100
92) Benzo(g,h,i)perylene	17.04	276	394575	17.873	ng		99

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

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