Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122826.D
Acq On : 22 Dec 2020 22:33
Operator : JU/CG
Sample : L5193-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-021-001-SOMS

Manual Integrations APPROVED
mohammad
12/23/2020 3:28:34 PM

Quant Time: Dec 22 23:40:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	155529	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	617364	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	321736	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	597408	20.00	ng		0.00
76) Chrysene-d12	13.998	240	493536	20.00	ng		0.01
86) Perylene-d12	15.451	264	441620	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	930658	94.73	ng		0.02
7) Phenol-d6	6.463	99	1346190	103.32	ng		0.00
23) Nitrobenzene-d5	7.392	82	964714	78.29	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	374234	88.86	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1821268	76.57	ng		0.00
79) Terphenyl-d14	12.939	244	2030516	72.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	184846	40.03	ng		98
3) Pyridine	3.398	79	528809	43.33	ng		99
4) n-Nitrosodimethylamine	3.363	42	224018	45.77	ng		99
6) Aniline	6.487	93	472891	30.83	ng		98
8) 2-Chlorophenol	6.610	128	546976	50.51	ng		96
9) Benzaldehyde	6.369	77	155515	19.72	ng		99
10) Phenol	6.475	94	622181	46.08	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	508643	49.32	ng		99
12) 1,3-Dichlorobenzene	6.763	146	566095	44.18	ng		100
13) 1,4-Dichlorobenzene	6.839	146	579064	44.82	ng		99
14) 1,2-Dichlorobenzene	6.992	146	551048	44.19	ng		100
15) Benzyl Alcohol	6.969	79	434271	48.41	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	599806	40.78	ng		93
17) 2-Methylphenol	7.087	107	424874	49.36	ng		96
18) Hexachloroethane	7.334	117	206834	44.93	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	339692	45.52	ng		97
20) 3+4-Methylphenols	7.239	107	488292	44.91	ng		93
22) Acetophenone	7.234	105	659697	42.98	ng	#	96
24) Nitrobenzene	7.410	77	533554	43.53	ng		98
25) Isophorone	7.651	82	1004568	47.33	ng		98
26) 2-Nitrophenol	7.722	139	298937	50.00	ng		96
27) 2,4-Dimethylphenol	7.763	122	474648	54.17	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	638585	43.94	ng		99
29) 2,4-Dichlorophenol	7.969	162	470747	46.00	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	504875	43.55	ng		99
31) Naphthalene	8.128	128	1534442	45.04	ng		99
32) Benzoic acid	7.916	122	309596	44.34	ng		98
33) 4-Chloroaniline	8.175	127	246341	17.30	ng		99
34) Hexachlorobutadiene	8.245	225	299912	42.03	ng		99
35) Caprolactam	8.563	113	143088m	46.43	ng		
36) 4-Chloro-3-methylphenol	8.669	107	481605	47.78	ng		97
37) 2-Methylnaphthalene	8.822	142	1000851	44.41	ng		98
38) 1-Methylnaphthalene	8.922	142	921413	43.22	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	476517	44.71	ng		99
41) Hexachlorocyclopentadiene	8.975	237	436640	92.67	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	327454	44.49	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	356651	46.88	ng	99
46) 1,1'-Biphenyl	9.286	154	1206913	45.20	ng	99
47) 2-Chloronaphthalene	9.310	162	959594	43.38	ng	100
48) 2-Nitroaniline	9.410	65	279954	43.40	ng	96
49) Acenaphthylene	9.727	152	1481793	45.35	ng	100
50) Dimethylphthalate	9.592	163	1212590	47.19	ng	100
51) 2,6-Dinitrotoluene	9.651	165	269069	49.58	ng	96
52) Acenaphthene	9.898	154	876727	41.47	ng	98
53) 3-Nitroaniline	9.816	138	139090	22.18	ng	93
54) 2,4-Dinitrophenol	9.933	184	224358	84.56	ng	96
55) Dibenzofuran	10.069	168	1322874	44.48	ng	100
56) 4-Nitrophenol	9.998	139	375052	83.88	ng	94
57) 2,4-Dinitrotoluene	10.063	165	344598	47.67	ng	97
58) Fluorene	10.416	166	1036751	43.83	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	304827	45.61	ng	99
60) Diethylphthalate	10.286	149	1157510	46.31	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	508036	43.62	ng	97
62) 4-Nitroaniline	10.439	138	261918	41.15	ng	96
63) Azobenzene	10.563	77	1041146	45.32	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	182070	49.98	ng	87
66) n-Nitrosodiphenylamine	10.522	169	969096	45.91	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	360617	44.55	ng	95
68) Hexachlorobenzene	10.963	284	399247	44.61	ng	98
69) Atrazine	11.051	200	297623	43.42	ng	99
70) Pentachlorophenol	11.163	266	401566	84.69	ng	99
71) Phenanthrene	11.374	178	1569907	44.22	ng	100
72) Anthracene	11.427	178	1629638	46.29	ng	100
73) Carbazole	11.580	167	1455157	45.57	ng	100
74) Di-n-butylphthalate	11.910	149	1777121	44.30	ng	99
75) Fluoranthene	12.563	202	1664773	44.71	ng	100
77) Benzidine	12.686	184	526013	49.27	ng	99
78) Pyrene	12.792	202	1675120	43.90	ng	100
80) Butylbenzylphthalate	13.410	149	765602	44.54	ng	96
81) Benzo(a)anthracene	13.986	228	1521168	46.12	ng	97
82) 3,3'-Dichlorobenzidine	13.945	252	393411	33.30	ng	98
83) Chrysene	14.021	228	1484342	45.22	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	1078630	45.83	ng	99
85) Di-n-octyl phthalate	14.580	149	1737186	44.49	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1409113	48.61	ng	100
88) Benzo(b)fluoranthene	15.033	252	1504707	48.56	ng	99
89) Benzo(k)fluoranthene	15.062	252	1341941	47.37	ng	100
90) Benzo(a)pyrene	15.392	252	1251726	46.18	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1162247	48.99	ng	100
92) Benzo(g,h,i)perylene	17.351	276	1194839	52.04	ng	100

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

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