Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122523.D
Acq On : 1 Dec 2020 15:39
Operator : JU/CG
Sample : L4906-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-DRUMMS

Manual Integrations APPROVED
mohammad
12/2/2020 12:41:01 PM

Quant Time: Dec 01 16:11:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	204573	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	792757	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	423774	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	787179	20.00	ng	0.00
76) Chrysene-d12	14.033	240	659513	20.00	ng	0.00
86) Perylene-d12	15.504	264	554173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1047465	78.62	ng	0.00
7) Phenol-d6	6.492	99	1339636	76.86	ng	0.00
23) Nitrobenzene-d5	7.422	82	836728	64.62	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	451346	99.23	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1558736	57.47	ng	0.00
79) Terphenyl-d14	12.974	244	1719242	55.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	213404	34.93	ng	88
3) Pyridine	3.404	79	604930	36.00	ng	86
4) n-Nitrosodimethylamine	3.363	42	278402	35.14	ng	87
6) Aniline	6.522	93	709096	31.01	ng	96
8) 2-Chlorophenol	6.645	128	630944	45.67	ng	89
9) Benzaldehyde	6.404	77	371320	40.37	ng	97
10) Phenol	6.510	94	791803	46.13	ng	89
11) bis(2-Chloroethyl)ether	6.592	93	578816	42.43	ng	93
12) 1,3-Dichlorobenzene	6.798	146	671621	42.82	ng	98
13) 1,4-Dichlorobenzene	6.875	146	678055	43.03	ng	98
14) 1,2-Dichlorobenzene	7.028	146	657654	44.72	ng	99
15) Benzyl Alcohol	7.004	79	507787	40.98	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	776655	39.06	ng	93
17) 2-Methylphenol	7.116	107	506050	43.88	ng	98
18) Hexachloroethane	7.375	117	240468	43.82	ng	90
19) n-Nitroso-di-n-propyla...	7.275	70	404937	38.88	ng	94
20) 3+4-Methylphenols	7.269	107	589366	41.53	ng	98
22) Acetophenone	7.269	105	776297	37.59	ng	94
24) Nitrobenzene	7.439	77	640478	43.23	ng	97
25) Isophorone	7.681	82	1137279	39.39	ng	97
26) 2-Nitrophenol	7.757	139	330815	50.94	ng	99
27) 2,4-Dimethylphenol	7.798	122	543749	39.93	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	723005	40.95	ng	99
29) 2,4-Dichlorophenol	8.004	162	538720	44.69	ng	95
30) 1,2,4-Trichlorobenzene	8.086	180	563010	42.31	ng	98
31) Naphthalene	8.169	128	1734889	41.16	ng	99
32) Benzoic acid	7.910	122	155880	25.21	ng	96
33) 4-Chloroaniline	8.210	127	362825	19.77	ng	97
34) Hexachlorobutadiene	8.286	225	332585	43.49	ng	98
35) Caprolactam	8.592	113	171269m	44.82	ng	
36) 4-Chloro-3-methylphenol	8.704	107	561129	44.63	ng	96
37) 2-Methylnaphthalene	8.857	142	1182053	42.45	ng	99
38) 1-Methylnaphthalene	8.957	142	1091312	41.87	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	554413	42.46	ng	99
41) Hexachlorocyclopentadiene	9.016	237	605558	79.31	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	384951	45.39	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	423421	47.63	ng		97
46) 1,1'-Biphenyl	9.322	154	1382378	40.98	ng		98
47) 2-Chloronaphthalene	9.345	162	1126086	42.06	ng		99
48) 2-Nitroaniline	9.445	65	345589	43.83	ng	#	83
49) Acenaphthylene	9.763	152	1748574	42.49	ng		99
50) Dimethylphthalate	9.628	163	1511936	50.19	ng		100
51) 2,6-Dinitrotoluene	9.686	165	309921	46.37	ng	#	83
52) Acenaphthene	9.939	154	1049018	41.19	ng		100
53) 3-Nitroaniline	9.851	138	212629	29.34	ng		96
54) 2,4-Dinitrophenol	9.963	184	232469	81.63	ng		95
55) Dibenzofuran	10.110	168	1589867	42.60	ng		99
56) 4-Nitrophenol	10.028	139	521774	79.46	ng		95
57) 2,4-Dinitrotoluene	10.092	165	420156	49.57	ng	#	84
58) Fluorene	10.451	166	1237826	43.32	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	364984	49.37	ng		96
60) Diethylphthalate	10.322	149	1288311	43.60	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	594196	44.05	ng		96
62) 4-Nitroaniline	10.475	138	332576	44.77	ng		96
63) Azobenzene	10.604	77	1237398	39.92	ng		93
65) 4,6-Dinitro-2-methylph...	10.498	198	193338	54.07	ng		97
66) n-Nitrosodiphenylamine	10.563	169	1122788	41.86	ng		94
67) 4-Bromophenyl-phenylether	10.933	248	412299	44.57	ng		98
68) Hexachlorobenzene	11.004	284	453424	45.37	ng	#	93
69) Atrazine	11.092	200	333343	49.91	ng		97
70) Pentachlorophenol	11.198	266	495702	86.09	ng		99
71) Phenanthrene	11.416	178	1967025	44.04	ng		98
72) Anthracene	11.469	178	1910663	41.51	ng		99
73) Carbazole	11.622	167	1769898	42.27	ng		99
74) Di-n-butylphthalate	11.951	149	2004726	44.91	ng		100
75) Fluoranthene	12.604	202	2225833	47.74	ng		99
77) Benzidine	12.721	184	964103	52.71	ng		99
78) Pyrene	12.833	202	2214603	47.80	ng		99
80) Butylbenzylphthalate	13.451	149	844846	45.64	ng		94
81) Benzo(a)anthracene	14.021	228	1797562	43.83	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	479451	31.37	ng		99
83) Chrysene	14.063	228	1784720	43.20	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1145327	51.27	ng		97
85) Di-n-octyl phthalate	14.621	149	1966799	51.95	ng		96
87) Indeno(1,2,3-cd)pyrene	16.980	276	1602280	48.19	ng		99
88) Benzo(b)fluoranthene	15.074	252	1771937	49.37	ng		99
89) Benzo(k)fluoranthene	15.110	252	1485783	42.45	ng		99
90) Benzo(a)pyrene	15.445	252	1378857	44.07	ng		100
91) Dibenzo(a,h)anthracene	16.998	278	1307523	46.95	ng		99
92) Benzo(g,h,i)perylene	17.427	276	1356174	50.07	ng		99

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

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