Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110920\
Data File : BF122286.D
Acq On : 9 Nov 2020 15:58
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110920

Manual Integrations APPROVED
mohammad
11/10/2020 12:02:24 PM

Quant Time: Nov 09 16:45:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 09 15:51:40 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	272880	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1009689	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	533557	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	958448	20.00	ng		0.00
76) Chrysene-d12	14.033	240	835271	20.00	ng		0.00
86) Perylene-d12	15.498	264	829069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1405855	79.11	ng		0.00
7) Phenol-d6	6.492	99	1817918	78.19	ng		0.00
23) Nitrobenzene-d5	7.434	82	1473987	89.37	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	484657	84.63	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2557115	74.88	ng		0.00
79) Terphenyl-d14	12.980	244	3019370	76.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	314971	38.65	ng		93
3) Pyridine	3.387	79	880778	39.29	ng		93
4) n-Nitrosodimethylamine	3.340	42	411707	38.96	ng		97
6) Aniline	6.528	93	1196876	39.24	ng		98
8) 2-Chlorophenol	6.651	128	738978	40.10	ng		92
9) Benzaldehyde	6.416	77	477637	38.29	ng		97
10) Phenol	6.504	94	903992m	39.49	ng		
11) bis(2-Chloroethyl)ether	6.604	93	725489	39.87	ng		93
12) 1,3-Dichlorobenzene	6.810	146	820035	39.19	ng		97
13) 1,4-Dichlorobenzene	6.887	146	827020	39.35	ng		97
14) 1,2-Dichlorobenzene	7.040	146	776657	39.59	ng		99
15) Benzyl Alcohol	7.004	79	663355	40.13	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1067154	40.23	ng		99
17) 2-Methylphenol	7.110	107	611797	39.77	ng		99
18) Hexachloroethane	7.387	117	299098	40.86	ng		94
19) n-Nitroso-di-n-propyla...	7.287	70	555795	40.01	ng		95
20) 3+4-Methylphenols	7.269	107	759386	40.12	ng	#	74
22) Acetophenone	7.281	105	1021284	38.83	ng	#	85
24) Nitrobenzene	7.451	77	794676	42.11	ng		97
25) Isophorone	7.692	82	1447961	39.38	ng		97
26) 2-Nitrophenol	7.769	139	327124	41.08	ng		96
27) 2,4-Dimethylphenol	7.804	122	700206	40.38	ng		96
28) bis(2-Chloroethoxy)met...	7.904	93	892766	39.70	ng		98
29) 2,4-Dichlorophenol	8.004	162	625891	40.76	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	670724	39.58	ng		96
31) Naphthalene	8.175	128	2094091	39.01	ng		99
32) Benzoic acid	7.916	122	421879	44.70	ng		98
33) 4-Chloroaniline	8.222	127	918316	39.28	ng		96
34) Hexachlorobutadiene	8.298	225	389260	39.96	ng		100
35) Caprolactam	8.592	113	196168	40.31	ng		89
36) 4-Chloro-3-methylphenol	8.698	107	642410	40.11	ng		93
37) 2-Methylnaphthalene	8.869	142	1379757	38.91	ng		98
38) 1-Methylnaphthalene	8.969	142	1300908	39.19	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	652408	39.68	ng		100
41) Hexachlorocyclopentadiene	9.022	237	418380	43.52	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	446425	41.81	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	461644	41.24	ng		98
46) 1,1'-Biphenyl	9.334	154	1650083	38.85	ng		99
47) 2-Chloronaphthalene	9.357	162	1311338	38.90	ng		97
48) 2-Nitroaniline	9.445	65	394895	40.26	ng		97
49) Acenaphthylene	9.775	152	2015834	38.91	ng		98
50) Dimethylphthalate	9.633	163	1481752	39.07	ng		99
51) 2,6-Dinitrotoluene	9.692	165	336664	40.53	ng	#	83
52) Acenaphthene	9.945	154	1262714	39.38	ng		99
53) 3-Nitroaniline	9.857	138	374872	39.66	ng		96
54) 2,4-Dinitrophenol	9.957	184	109158	45.09	ng	#	77
55) Dibenzofuran	10.116	168	1833793	39.03	ng		99
56) 4-Nitrophenol	10.004	139	305826	39.88	ng		94
57) 2,4-Dinitrotoluene	10.092	165	430427	41.21	ng	#	87
58) Fluorene	10.457	166	1364732	37.93	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	397390	42.69	ng		99
60) Diethylphthalate	10.333	149	1502999	40.40	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	671571	39.54	ng		98
62) 4-Nitroaniline	10.469	138	371584	40.11	ng		94
63) Azobenzene	10.610	77	1526902	39.12	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	175154	44.46	ng		96
66) n-Nitrosodiphenylamine	10.569	169	1265874	38.76	ng		95
67) 4-Bromophenyl-phenylether	10.939	248	452337	40.16	ng		99
68) Hexachlorobenzene	11.004	284	480267	39.47	ng		96
69) Atrazine	11.092	200	328535	40.40	ng		96
70) Pentachlorophenol	11.192	266	302124	43.09	ng		98
71) Phenanthrene	11.422	178	2106127	38.73	ng		98
72) Anthracene	11.469	178	2189970	39.07	ng		98
73) Carbazole	11.622	167	1987031	38.97	ng		99
74) Di-n-butylphthalate	11.957	149	2232181	41.07	ng		99
75) Fluoranthene	12.604	202	2221815	39.14	ng		98
77) Benzidine	12.722	184	922046	39.80	ng		98
78) Pyrene	12.833	202	2294721	39.10	ng		98
80) Butylbenzylphthalate	13.457	149	941244	40.55	ng		95
81) Benzo(a)anthracene	14.021	228	2024764	38.98	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	811714	41.93	ng		99
83) Chrysene	14.063	228	2034280	38.88	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	1200610	42.43	ng	#	98
85) Di-n-octyl phthalate	14.633	149	2192729	45.73	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	2032858	40.86	ng		99
88) Benzo(b)fluoranthene	15.074	252	2112528	39.34	ng		99
89) Benzo(k)fluoranthene	15.104	252	2044084	39.04	ng		98
90) Benzo(a)pyrene	15.439	252	1859141	39.72	ng		98
91) Dibenzo(a,h)anthracene	16.986	278	1689603	40.55	ng		98
92) Benzo(g,h,i)perylene	17.409	276	1610040	39.73	ng		99

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

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