Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122678.D
Acq On : 12 Dec 2020 15:07
Operator : JU/CG
Sample : L5042-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-0-6MSD

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:52 PM

Quant Time: Dec 13 23:43:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	145422	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	555109	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	293836	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	531031	20.00	ng	0.00
76) Chrysene-d12	14.004	240	413178	20.00	ng	0.00
86) Perylene-d12	15.462	264	390577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1179561	128.41	ng	0.00
7) Phenol-d6	6.481	99	1505160	123.55	ng	0.00
23) Nitrobenzene-d5	7.404	82	948439	85.60	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	486606	126.52	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1727181	79.50	ng	0.00
79) Terphenyl-d14	12.951	244	1803479	76.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	164243	38.04	ng	99
3) Pyridine	3.387	79	463462	40.61	ng	99
4) n-Nitrosodimethylamine	3.334	42	195672	42.76	ng	97
6) Aniline	6.498	93	562523	39.23	ng	94
8) 2-Chlorophenol	6.622	128	478630	47.27	ng	99
9) Benzaldehyde	6.387	77	191926	26.03	ng	98
10) Phenol	6.492	94	635721	50.36	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	439303	45.55	ng	100
12) 1,3-Dichlorobenzene	6.781	146	509298	42.51	ng	99
13) 1,4-Dichlorobenzene	6.857	146	513837	42.54	ng	100
14) 1,2-Dichlorobenzene	7.010	146	495652	42.51	ng	99
15) Benzyl Alcohol	6.981	79	388376	46.30	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	557402	40.53	ng	98
17) 2-Methylphenol	7.098	107	382536	47.53	ng	98
18) Hexachloroethane	7.351	117	182208	42.33	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	304763	43.67	ng	99
20) 3+4-Methylphenols	7.251	107	448844	44.15	ng	94
22) Acetophenone	7.251	105	594436	43.07	ng	96
24) Nitrobenzene	7.422	77	474359	43.04	ng	99
25) Isophorone	7.663	82	856909	44.90	ng	99
26) 2-Nitrophenol	7.739	139	252152	46.91	ng	94
27) 2,4-Dimethylphenol	7.775	122	411704	52.25	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	549766	42.07	ng	100
29) 2,4-Dichlorophenol	7.981	162	404775	43.99	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	428779	41.13	ng	99
31) Naphthalene	8.145	128	1320637	43.11	ng	100
32) Benzoic acid	7.875	122	71680	11.42	ng	96
33) 4-Chloroaniline	8.192	127	391584	30.58	ng	98
34) Hexachlorobutadiene	8.263	225	255423	39.81	ng	99
35) Caprolactam	8.569	113	115698m	41.75	ng	
36) 4-Chloro-3-methylphenol	8.681	107	412214	45.48	ng	99
37) 2-Methylnaphthalene	8.833	142	891351	43.99	ng	98
38) 1-Methylnaphthalene	8.933	142	827938	43.19	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	414695	42.61	ng	99
41) Hexachlorocyclopentadiene	8.992	237	389398	90.49	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	286433	42.61	ng	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	306231	44.08	ng		98
46) 1,1'-Biphenyl	9.298	154	1065767	43.70	ng		99
47) 2-Chloronaphthalene	9.328	162	845874	41.87	ng		98
48) 2-Nitroaniline	9.422	65	243421	41.32	ng		94
49) Acenaphthylene	9.739	152	1295339	43.40	ng		100
50) Dimethylphthalate	9.604	163	1096317	46.72	ng		100
51) 2,6-Dinitrotoluene	9.663	165	226210	45.64	ng		94
52) Acenaphthene	9.916	154	837456m	43.37	ng		
53) 3-Nitroaniline	9.833	138	179868	31.41	ng		100
54) 2,4-Dinitrophenol	9.945	184	122900	50.72	ng	#	86
55) Dibenzofuran	10.086	168	1181833	43.51	ng		97
56) 4-Nitrophenol	10.004	139	341767	83.69	ng		99
57) 2,4-Dinitrotoluene	10.069	165	299257	45.33	ng		98
58) Fluorene	10.427	166	900675	41.69	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	247739	40.58	ng		99
60) Diethylphthalate	10.298	149	962510	42.17	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	440328	41.40	ng		99
62) 4-Nitroaniline	10.445	138	228771	39.35	ng		96
63) Azobenzene	10.580	77	899286	42.86	ng		95
65) 4,6-Dinitro-2-methylph...	10.480	198	121024	37.38	ng		90
66) n-Nitrosodiphenylamine	10.539	169	831935	44.34	ng		100
67) 4-Bromophenyl-phenylether	10.910	248	302250	42.00	ng	#	90
68) Hexachlorobenzene	10.980	284	334388	42.04	ng	#	91
69) Atrazine	11.063	200	223901	36.74	ng		100
70) Pentachlorophenol	11.174	266	294825	69.95	ng		99
71) Phenanthrene	11.392	178	1353670	42.89	ng		99
72) Anthracene	11.439	178	1412329	45.13	ng		99
73) Carbazole	11.598	167	1238216	43.63	ng		99
74) Di-n-butylphthalate	11.921	149	1452202	40.72	ng		99
75) Fluoranthene	12.580	202	1406692	42.51	ng		98
77) Benzidine	12.698	184	504982	56.50	ng		99
78) Pyrene	12.810	202	1419194	44.43	ng		98
80) Butylbenzylphthalate	13.421	149	586491	40.76	ng		100
81) Benzo(a)anthracene	13.998	228	1207991	43.75	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	322798	32.64	ng		98
83) Chrysene	14.033	228	1192314	43.39	ng		100
84) Bis(2-ethylhexyl)phtha...	13.980	149	775255	39.34	ng		100
85) Di-n-octyl phthalate	14.592	149	1241390	37.98	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1213821	47.34	ng		100
88) Benzo(b)fluoranthene	15.045	252	1185466	43.26	ng		99
89) Benzo(k)fluoranthene	15.074	252	1098593	43.85	ng		99
90) Benzo(a)pyrene	15.409	252	1028840	42.91	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	991406	47.25	ng		98
92) Benzo(g,h,i)perylene	17.368	276	1032613	50.85	ng		99

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

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