Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120012.D
Acq On : 16 Apr 2020 00:37
Operator : MA/SJ
Sample : L2244-12MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-23-22-COMPMSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:53:00 PM

Quant Time: Apr 16 05:01:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178416	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	698432	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	359993	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	683370	20.00	ng	0.00
76) Chrysene-d12	13.90	240	446435	20.00	ng	0.00
87) Perylene-d12	15.32	264	358635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1663676	161.15	ng	0.01
7) Phenol-d6	6.37	99	2293925	172.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1495270	110.76	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	676239	153.43	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2761579	108.91	ng	0.00
79) Terphenyl-d14	12.85	244	3466279	130.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	214091	46.559	ng	95
3) Pyridine	3.13	79	587308	46.552	ng	96
4) n-Nitrosodimethylamine	3.09	42	322071	49.965	ng	94
6) Aniline	6.39	93	726061	41.584	ng	98
8) 2-Chlorophenol	6.51	128	666194	57.753	ng	98
9) Benzaldehyde	6.27	77	295498	42.551	ng	97
10) Phenol	6.39	94	819460	54.298	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	628617	53.946	ng	99
12) 1,3-Dichlorobenzene	6.67	146	648700	51.367	ng	98
13) 1,4-Dichlorobenzene	6.75	146	655908	50.987	ng	98
14) 1,2-Dichlorobenzene	6.90	146	613027	51.708	ng	98
15) Benzyl Alcohol	6.87	79	530536	51.347	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1095618	48.317	ng	98
17) 2-Methylphenol	6.99	107	540022	52.459	ng	98
18) Hexachloroethane	7.24	117	251544	52.321	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	458278	53.572	ng	96
20) 3+4-Methylphenols	7.15	107	645652	51.283	ng	95
22) Acetophenone	7.15	105	861466	52.673	ng	97
24) Nitrobenzene	7.32	77	676055	49.779	ng	99
25) Isophorone	7.56	82	1292440	49.661	ng	98
26) 2-Nitrophenol	7.63	139	363290	53.542	ng	99
27) 2,4-Dimethylphenol	7.67	122	552485	53.989	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	814923	53.213	ng	99
29) 2,4-Dichlorophenol	7.87	162	546945	52.143	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	584147	49.149	ng	98
31) Naphthalene	8.03	128	1829877	49.797	ng	99
32) Benzoic acid	7.82	122	365458	40.664	ng	95
33) 4-Chloroaniline	8.08	127	374763	23.427	ng	98
34) Hexachlorobutadiene	8.15	225	335396	47.142	ng	99
35) Caprolactam	8.47	113	157896m	49.210	ng	
36) 4-Chloro-3-methylphenol	8.58	107	598871	52.734	ng	94
37) 2-Methylnaphthalene	8.73	142	1277429	51.276	ng	99
38) 1-Methylnaphthalene	8.83	142	1197859	51.013	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	559133	49.176	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	570181	88.188	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	414522	52.795	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	435084	49.200	ng		98
46) 1,1'-Biphenyl	9.19	154	1525187	50.195	ng		97
47) 2-Chloronaphthalene	9.22	162	1201617	51.335	ng		97
48) 2-Nitroaniline	9.32	65	423619	49.940	ng		98
49) Acenaphthylene	9.63	152	1842345	51.754	ng		98
50) Dimethylphthalate	9.50	163	1558562	55.973	ng		100
51) 2,6-Dinitrotoluene	9.56	165	315746	51.782	ng		88
52) Acenaphthene	9.80	154	1119651	47.151	ng		99
53) 3-Nitroaniline	9.73	138	198983	28.573	ng		95
54) 2,4-Dinitrophenol	9.83	184	188262	51.570	ng	#	91
55) Dibenzofuran	9.98	168	1646509	50.528	ng		98
56) 4-Nitrophenol	9.90	139	499898	96.476	ng		94
57) 2,4-Dinitrotoluene	9.97	165	401166	49.936	ng		95
58) Fluorene	10.32	166	1263838	48.496	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	354681	52.441	ng		99
60) Diethylphthalate	10.20	149	1437744	49.819	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	622446	46.601	ng		97
62) 4-Nitroaniline	10.35	138	329021	49.576	ng		99
63) Azobenzene	10.47	77	1359755	52.574	ng		98
65) 4,6-Dinitro-2-methylphenol	10.37	198	175322	38.942	ng		87
66) n-Nitrosodiphenylamine	10.44	169	1198849	52.750	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	392608	46.198	ng		99
68) Hexachlorobenzene	10.87	284	422162	48.967	ng		100
69) Atrazine	10.97	200	350802	55.477	ng		98
70) Pentachlorophenol	11.06	266	405081	81.534	ng		98
71) Phenanthrene	11.28	178	1843994	50.701	ng		97
72) Anthracene	11.33	178	1913804	51.510	ng		100
73) Carbazole	11.49	167	1764753	50.227	ng		99
74) Di-n-butylphthalate	11.83	149	2269062	49.126	ng		99
75) Fluoranthene	12.47	202	1990345	50.719	ng		99
77) Benzidine	12.59	184	830462	55.031	ng		96
78) Pyrene	12.70	202	1979234	52.590	ng		98
80) Butylbenzylphthalate	13.32	149	916566	50.190	ng		97
81) Benzo(a)anthracene	13.89	228	1485004	50.563	ng		100
82) 3,3'-Dichlorobenzidine	13.85	252	311726	28.446	ng		98
83) Chrysene	13.93	228	1547952	51.872	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1172208	47.400	ng		98
85) Di-n-octyl phthalate	14.50	149	1991806	47.303	ng		98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1279244	48.631	ng		98
88) Benzo(b)fluoranthene	14.92	252	1397042	54.150	ng		99
89) Benzo(k)fluoranthene	14.94	252	1188121	53.374	ng		100
90) Benzo(a)pyrene	15.26	252	1146169	52.838	ng		97
91) Dibenzo(a,h)anthracene	16.72	278	1049438	54.617	ng		98
92) Benzo(g,h,i)perylene	17.12	276	1046229	55.161	ng		95

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

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