Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
Data File : BM026317.D
Acq On : 10 Jun 2020 00:49
Operator : JU/CG
Sample : L2961-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Manual Integrations APPROVED
mohammad
6/10/2020 11:51:27 AM

Quant Time: Jun 10 01:36:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:46:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	161574	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	599990	20.00	ng	0.00
39) Acenaphthene-d10	14.08	164	333488	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	656568	20.00	ng	0.00
76) Chrysene-d12	21.04	240	647280	20.00	ng	0.00
86) Perylene-d12	23.14	264	679195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	44557	4.88	ng	0.00
7) Phenol-d6	6.63	99	284226	21.48	ng	0.00
23) Nitrobenzene-d5	8.57	82	703136	57.54	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	985	0.24	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1364119	62.09	ng	0.00
79) Terphenyl-d14	19.49	244	1899070	56.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	140005	33.980	ng	99
3) Pyridine	3.42	79	393648	32.528	ng	98
4) n-Nitrosodimethylamine	3.33	42	206372	34.443	ng	93
6) Aniline	6.77	93	362176	20.866	ng	99
8) 2-Chlorophenol	7.00	128	388547	36.861	ng	99
9) Benzaldehyde	6.58	77	274222	32.498	ng	95
10) Phenol	6.66	94	508252	36.065	ng	98
11) bis(2-Chloroethyl)ether	6.87	93	382193	33.670	ng	98
12) 1,3-Dichlorobenzene	7.32	146	428747	36.738	ng	96
13) 1,4-Dichlorobenzene	7.46	146	433906	36.502	ng	99
14) 1,2-Dichlorobenzene	7.77	146	412826	35.552	ng	98
15) Benzyl Alcohol	7.67	79	363181	32.320	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.96	45	664908	31.364	ng	99
17) 2-Methylphenol	7.89	107	330000	32.038	ng	97
18) Hexachloroethane	8.48	117	166801	37.051	ng	97
19) n-Nitroso-di-n-propylamine	8.24	70	323449	31.366	ng	97
20) 3+4-Methylphenols	8.22	107	438079	31.205	ng	99
22) Acetophenone	8.25	105	570285	36.964	ng	98
24) Nitrobenzene	8.62	77	471828	36.885	ng	98
25) Isophorone	9.14	82	812173	35.378	ng	99
26) 2-Nitrophenol	9.32	139	203642	40.225	ng	99
27) 2,4-Dimethylphenol	9.40	122	323927	40.531	ng	99
28) bis(2-Chloroethoxy)methane	9.63	93	487298	37.414	ng	99
29) 2,4-Dichlorophenol	9.85	162	338000	38.546	ng	99
30) 1,2,4-Trichlorobenzene	10.06	180	374322	38.929	ng	97
31) Naphthalene	10.23	128	1151559	38.086	ng	100
32) Benzoic acid	9.56	122	115954	21.265	ng	98
33) 4-Chloroaniline	10.36	127	164355	12.463	ng	98
34) Hexachlorobutadiene	10.53	225	235163	38.740	ng	98
35) Caprolactam	11.15	113	102536m	33.283	ng	
36) 4-Chloro-3-methylphenol	11.50	107	375302	35.124	ng	98
37) 2-Methylnaphthalene	11.86	142	793834	36.844	ng	98
38) 1-Methylnaphthalene	12.09	142	748496	36.672	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	400603	42.200	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.22	237	536685	95.935	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	259555	40.395	ng	99
44) 2,4,5-Trichlorophenol	12.57	196	274005	36.738	ng	99
46) 1,1'-Biphenyl	12.90	154	952006	40.718	ng	100
47) 2-Chloronaphthalene	12.94	162	747147	39.343	ng	99
48) 2-Nitroaniline	13.16	65	266412	35.397	ng	96
49) Acenaphthylene	13.80	152	1169837	38.514	ng	100
50) Dimethylphthalate	13.56	163	1014659	41.598	ng	100
51) 2,6-Dinitrotoluene	13.67	165	197228	36.848	ng	96
52) Acenaphthene	14.14	154	694167	38.068	ng	100
53) 3-Nitroaniline	14.00	138	94018	15.774	ng	95
54) 2,4-Dinitrophenol	14.22	184	219767	67.557	ng	97
55) Dibenzofuran	14.49	168	1094116	37.239	ng	100
56) 4-Nitrophenol	14.34	139	329650	69.744	ng	96
57) 2,4-Dinitrotoluene	14.47	165	267639	35.962	ng	100
58) Fluorene	15.14	166	879276	36.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	237979	37.304	ng	98
60) Diethylphthalate	14.93	149	875701	35.247	ng	100
61) 4-Chlorophenyl-phenylether	15.14	204	448646	35.443	ng	100
62) 4-Nitroaniline	15.17	138	198059	31.159	ng	95
63) Azobenzene	15.43	77	978502	35.996	ng	99
65) 4,6-Dinitro-2-methylphenol	15.24	198	153373	38.415	ng	93
66) n-Nitrosodiphenylamine	15.36	169	748596	39.358	ng	99
67) 4-Bromophenyl-phenylether	16.03	248	271251	37.529	ng	98
68) Hexachlorobenzene	16.14	284	295910	39.235	ng	97
69) Atrazine	16.33	200	241628	42.522	ng	99
70) Pentachlorophenol	16.50	266	345135	75.991	ng	99
71) Phenanthrene	16.87	178	1324806	38.747	ng	99
72) Anthracene	16.96	178	1351070	39.593	ng	100
73) Carbazole	17.24	167	1196069	36.961	ng	100
74) Di-n-butylphthalate	17.83	149	1469885	38.517	ng	100
75) Fluoranthene	18.90	202	1540523	39.299	ng	99
77) Benzidine	19.10	184	696476	51.802	ng	99
78) Pyrene	19.26	202	1538154	35.965	ng	100
80) Butylbenzylphthalate	20.20	149	647754	37.454	ng	98
81) Benzo(a)anthracene	21.03	228	1455788	37.469	ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	310134	25.800	ng	100
83) Chrysene	21.08	228	1424348	38.470	ng	100
84) Bis(2-ethylhexyl)phthalate	20.99	149	1005890	40.790	ng	100
85) Di-n-octyl phthalate	21.84	149	1651060	43.401	ng	98
87) Indeno(1,2,3-cd)pyrene	25.20	276	1752160	44.597	ng	99
88) Benzo(b)fluoranthene	22.53	252	1472744	36.046	ng	99
89) Benzo(k)fluoranthene	22.57	252	1469533	37.022	ng	99
90) Benzo(a)pyrene	23.05	252	1369589	37.742	ng	99
91) Dibenzo(a,h)anthracene	25.21	278	1469849	44.812	ng	99
92) Benzo(g,h,i)perylene	25.82	276	1448476	46.407	ng	99

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

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