Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026729.D
Acq On : 10 Jul 2020 12:07
Operator : JU/CG
Sample : L3160-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMSD

Manual Integrations APPROVED
mohammad
7/13/2020 1:02:43 PM

Quant Time: Jul 10 12:48:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	76546	20.00	ng		0.00
21) Naphthalene-d8	10.07	136	270732	20.00	ng		0.00
39) Acenaphthene-d10	13.98	164	151409	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	302778	20.00	ng		0.00
76) Chrysene-d12	20.96	240	360712	20.00	ng		0.00
86) Perylene-d12	23.03	264	389192	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	576836	126.31	ng		0.00
7) Phenol-d6	6.53	99	756039	103.90	ng		0.00
23) Nitrobenzene-d5	8.47	82	529644	83.46	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	250035	113.37	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	971187	85.29	ng		0.00
79) Terphenyl-d14	19.40	244	1566287	85.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	110444	50.332	ng		97
3) Pyridine	3.33	79	273263	43.540	ng		99
4) n-Nitrosodimethylamine	3.25	42	181491	48.313	ng		99
6) Aniline	6.67	93	291646	32.656	ng		98
8) 2-Chlorophenol	6.89	128	242573	44.590	ng		98
9) Benzaldehyde	6.48	77	99349	24.601	ng		95
10) Phenol	6.56	94	320514	44.569	ng		99
11) bis(2-Chloroethyl)ether	6.77	93	245437	40.818	ng		98
12) 1,3-Dichlorobenzene	7.21	146	270651	45.770	ng		98
13) 1,4-Dichlorobenzene	7.35	146	277273	46.066	ng		98
14) 1,2-Dichlorobenzene	7.66	146	263951	44.021	ng		99
15) Benzyl Alcohol	7.57	79	237940	38.218	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	467307	37.654	ng		99
17) 2-Methylphenol	7.79	107	201263	36.826	ng		98
18) Hexachloroethane	8.37	117	112258	46.959	ng		98
19) n-Nitroso-di-n-propylamine	8.13	70	214017	35.350	ng		99
20) 3+4-Methylphenols	8.11	107	265169	35.292	ng		99
22) Acetophenone	8.15	105	365294	47.481	ng	#	96
24) Nitrobenzene	8.51	77	313142	46.906	ng		100
25) Isophorone	9.03	82	508687	41.803	ng		99
26) 2-Nitrophenol	9.21	139	123896	50.284	ng		98
27) 2,4-Dimethylphenol	9.29	122	194030	48.427	ng		97
28) bis(2-Chloroethoxy)methane	9.52	93	303164	45.097	ng		100
29) 2,4-Dichlorophenol	9.75	162	208777	47.316	ng		98
30) 1,2,4-Trichlorobenzene	9.95	180	238240	48.398	ng		97
31) Naphthalene	10.13	128	1047293	69.551	ng		98
32) Benzoic acid	9.47	122	127809	38.412	ng		97
33) 4-Chloroaniline	10.26	127	120425	18.282	ng		98
34) Hexachlorobutadiene	10.42	225	154203	47.300	ng		99
35) Caprolactam	11.05	113	60809m	38.905	ng		
36) 4-Chloro-3-methylphenol	11.40	107	235318	42.197	ng		97
37) 2-Methylnaphthalene	11.75	142	500739	44.892	ng		99
38) 1-Methylnaphthalene	11.97	142	469160	43.902	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	253322	51.755	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	303779	108.186 ng	98
43) 2,4,6-Trichlorophenol	12.40	196	162364	50.639 ng	95
44) 2,4,5-Trichlorophenol	12.47	196	174956	46.436 ng	99
46) 1,1'-Biphenyl	12.80	154	596768	49.898 ng	98
47) 2-Chloronaphthalene	12.83	162	467707	48.410 ng	99
48) 2-Nitroaniline	13.06	65	180966	45.514 ng	98
49) Acenaphthylene	13.70	152	721715	46.728 ng	100
50) Dimethylphthalate	13.46	163	688089	53.132 ng	100
51) 2,6-Dinitrotoluene	13.58	165	123058	44.374 ng	99
52) Acenaphthene	14.04	154	435081	46.351 ng	100
53) 3-Nitroaniline	13.91	138	78533	27.221 ng	99
54) 2,4-Dinitrophenol	14.13	184	150406	78.408 ng	98
55) Dibenzofuran	14.39	168	697371	45.311 ng	99
56) 4-Nitrophenol	14.25	139	205619	81.671 ng	98
57) 2,4-Dinitrotoluene	14.39	165	173220	43.278 ng	98
58) Fluorene	15.04	166	564265	44.281 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.63	232	153609	46.685 ng	99
60) Diethylphthalate	14.85	149	571610	41.741 ng	100
61) 4-Chlorophenyl-phenylether	15.05	204	289336	41.909 ng	98
62) 4-Nitroaniline	15.09	138	121182m	36.736 ng	
63) Azobenzene	15.34	77	663956	44.143 ng	100
65) 4,6-Dinitro-2-methylphenol	15.16	198	100987	45.712 ng	96
66) n-Nitrosodiphenylamine	15.27	169	477257	49.602 ng	99
67) 4-Bromophenyl-phenylether	15.94	248	174451	46.289 ng	98
68) Hexachlorobenzene	16.06	284	192082	48.426 ng	95
69) Atrazine	16.24	200	157921	54.581 ng	99
70) Pentachlorophenol	16.40	266	234521	104.515 ng	98
71) Phenanthrene	16.79	178	850337	47.573 ng	99
72) Anthracene	16.87	178	868852	48.828 ng	99
73) Carbazole	17.16	167	779131	45.927 ng	99
74) Di-n-butylphthalate	17.74	149	990588	46.438 ng	100
75) Fluoranthene	18.82	202	1041224	47.295 ng	99
77) Benzidine	19.02	184	506822	71.269 ng	98
78) Pyrene	19.18	202	1052572	46.322 ng	99
80) Butylbenzylphthalate	20.12	149	471853	46.274 ng	96
81) Benzo(a)anthracene	20.94	228	1118491	46.162 ng	100
82) 3,3'-Dichlorobenzidine	20.89	252	261417	33.993 ng	96
83) Chrysene	21.00	228	1105212	46.865 ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	734855	44.985 ng	99
85) Di-n-octyl phthalate	21.76	149	1321320	47.323 ng	100
87) Indeno(1,2,3-cd)pyrene	25.04	276	1535044	55.403 ng	100
88) Benzo(b)fluoranthene	22.43	252	1217777	47.488 ng	99
89) Benzo(k)fluoranthene	22.47	252	1259667	50.079 ng	99
90) Benzo(a)pyrene	22.94	252	1158488	48.664 ng	99
91) Dibenzo(a,h)anthracene	25.04	278	1295078	55.370 ng	99
92) Benzo(g,h,i)perylene	25.64	276	1232145	57.174 ng	98

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

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