Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026728.D
Acq On : 10 Jul 2020 11:31
Operator : JU/CG
Sample : L3160-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Manual Integrations APPROVED
mohammad
7/13/2020 1:02:40 PM

Quant Time: Jul 10 12:04:34 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	78761	20.00	ng		0.00
21) Naphthalene-d8	10.07	136	286967	20.00	ng		0.00
39) Acenaphthene-d10	13.98	164	159701	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	325891	20.00	ng		0.00
76) Chrysene-d12	20.96	240	372670	20.00	ng		0.00
86) Perylene-d12	23.03	264	395274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	606428	129.05	ng		0.00
7) Phenol-d6	6.53	99	801072	107.00	ng		0.00
23) Nitrobenzene-d5	8.47	82	559757	83.22	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	267101	114.82	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	1029999	85.76	ng		0.00
79) Terphenyl-d14	19.40	244	1642655	86.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	112304	49.740	ng		98
3) Pyridine	3.33	79	283954	43.971	ng		97
4) n-Nitrosodimethylamine	3.25	42	186186	48.169	ng		98
6) Aniline	6.67	93	267089	29.065	ng		99
8) 2-Chlorophenol	6.89	128	255481	45.642	ng		99
9) Benzaldehyde	6.48	77	105862	25.477	ng		93
10) Phenol	6.56	94	339110	45.829	ng		99
11) bis(2-Chloroethyl)ether	6.78	93	256453	41.450	ng		98
12) 1,3-Dichlorobenzene	7.21	146	281069	46.195	ng		96
13) 1,4-Dichlorobenzene	7.36	146	286391	46.242	ng		98
14) 1,2-Dichlorobenzene	7.66	146	274001	44.412	ng		99
15) Benzyl Alcohol	7.58	79	248260	38.754	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.86	45	489110	38.302	ng		99
17) 2-Methylphenol	7.78	107	211860	37.674	ng		97
18) Hexachloroethane	8.37	117	115519	46.964	ng		98
19) n-Nitroso-di-n-propylamine	8.13	70	221714	35.592	ng		96
20) 3+4-Methylphenols	8.11	107	280025	36.221	ng		99
22) Acetophenone	8.15	105	381287	46.756	ng	#	97
24) Nitrobenzene	8.51	77	325149	45.949	ng		98
25) Isophorone	9.03	82	539990	41.865	ng		99
26) 2-Nitrophenol	9.21	139	129696	49.660	ng		96
27) 2,4-Dimethylphenol	9.29	122	204952	48.259	ng		99
28) bis(2-Chloroethoxy)methane	9.52	93	319215	44.798	ng		100
29) 2,4-Dichlorophenol	9.75	162	217267	46.454	ng		99
30) 1,2,4-Trichlorobenzene	9.95	180	247553	47.445	ng		99
31) Naphthalene	10.13	128	1090452	68.321	ng		99
32) Benzoic acid	9.47	122	139951	39.447	ng		94
33) 4-Chloroaniline	10.26	127	82205	11.774	ng		96
34) Hexachlorobutadiene	10.41	225	159484	46.153	ng		98
35) Caprolactam	11.05	113	62661m	37.822	ng		
36) 4-Chloro-3-methylphenol	11.40	107	245707	41.567	ng		98
37) 2-Methylnaphthalene	11.75	142	524226	44.339	ng		99
38) 1-Methylnaphthalene	11.97	142	490038	43.261	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	268681	52.043	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026728.D
Acq On : 10 Jul 2020 11:31
Operator : JU/CG
Sample : L3160-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Manual Integrations APPROVED
mohammad
7/13/2020 1:02:40 PM

Quant Time: Jul 10 12:04:34 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)
41) Hexachlorocyclopentadiene	12.12	237	325292	109.739	ng	99
43) 2,4,6-Trichlorophenol	12.39	196	169171	50.023	ng	99
44) 2,4,5-Trichlorophenol	12.47	196	181839	45.757	ng	99
46) 1,1'-Biphenyl	12.80	154	623435	49.421	ng	99
47) 2-Chloronaphthalene	12.83	162	490104	48.094	ng	99
48) 2-Nitroaniline	13.06	65	189341	45.148	ng	99
49) Acenaphthylene	13.70	152	756793	46.455	ng	99
50) Dimethylphthalate	13.46	163	725985	53.147	ng	99
51) 2,6-Dinitrotoluene	13.58	165	127650	43.640	ng	100
52) Acenaphthene	14.05	154	452622	45.716	ng	99
53) 3-Nitroaniline	13.91	138	70733	23.244	ng	99
54) 2,4-Dinitrophenol	14.13	184	154346	76.454	ng	97
55) Dibenzofuran	14.39	168	721355	44.436	ng	99
56) 4-Nitrophenol	14.25	139	214659	80.875	ng	100
57) 2,4-Dinitrotoluene	14.38	165	181288	42.942	ng	99
58) Fluorene	15.05	166	585693	43.576	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.63	232	158048	45.540	ng	99
60) Diethylphthalate	14.85	149	594560	41.163	ng	99
61) 4-Chlorophenyl-phenylether	15.05	204	301703	41.431	ng	99
62) 4-Nitroaniline	15.09	138	125542m	36.138	ng	
63) Azobenzene	15.35	77	689454	43.458	ng	98
65) 4,6-Dinitro-2-methylphenol	15.16	198	104208	44.012	ng	97
66) n-Nitrosodiphenylamine	15.27	169	495595	47.855	ng	99
67) 4-Bromophenyl-phenylether	15.95	248	178420	43.985	ng	95
68) Hexachlorobenzene	16.06	284	198414	46.475	ng	95
69) Atrazine	16.25	200	162850	52.292	ng	97
70) Pentachlorophenol	16.40	266	244851	101.379	ng	99
71) Phenanthrene	16.79	178	880457	45.764	ng	99
72) Anthracene	16.87	178	906451	47.328	ng	100
73) Carbazole	17.16	167	803950	44.029	ng	99
74) Di-n-butylphthalate	17.74	149	1036300	45.136	ng	99
75) Fluoranthene	18.82	202	1071087	45.201	ng	100
77) Benzidine	19.02	184	434400	59.125	ng	99
78) Pyrene	19.18	202	1087176	46.310	ng	100
80) Butylbenzylphthalate	20.12	149	482571	45.806	ng	97
81) Benzo(a)anthracene	20.94	228	1147446	45.837	ng	99
82) 3,3'-Dichlorobenzidine	20.89	252	255357	32.140	ng	99
83) Chrysene	21.00	228	1112897	45.676	ng	99
84) Bis(2-ethylhexyl)phthalate	20.91	149	754373	44.698	ng	100
85) Di-n-octyl phthalate	21.76	149	1336374	46.326	ng	99
87) Indeno(1,2,3-cd)pyrene	25.04	276	1504464	53.464	ng	100
88) Benzo(b)fluoranthene	22.43	252	1228165	47.157	ng	100
89) Benzo(k)fluoranthene	22.47	252	1259077	49.285	ng	99
90) Benzo(a)pyrene	22.94	252	1146696	47.427	ng	99
91) Dibenzo(a,h)anthracene	25.04	278	1273387	53.605	ng	99
92) Benzo(g,h,i)perylene	25.64	276	1212527	55.398	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026728.D
Acq On : 10 Jul 2020 11:31
Operator : JU/CG
Sample : L3160-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 12:04:34 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

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Manual Integrations APPROVED
mohammad
7/13/2020 1:02:40 PM