Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
Data File : BM026830.D
Acq On : 22 Jul 2020 13:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Quant Time: Jul 22 15:02:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration

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7/24/2020 12:11:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	44598	20.00	ng		0.00
21) Naphthalene-d8	10.05	136	190257	20.00	ng		0.00
39) Acenaphthene-d10	13.96	164	135277	20.00	ng		0.00
64) Phenanthrene-d10	16.72	188	321546	20.00	ng		0.00
76) Chrysene-d12	20.95	240	444741	20.00	ng		0.00
86) Perylene-d12	23.01	264	478845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	209215	78.63	ng		0.00
7) Phenol-d6	6.51	99	317575	74.91	ng		0.00
23) Nitrobenzene-d5	8.45	82	362509	81.29	ng		0.00
42) 2,4,6-Tribromophenol	15.47	330	158489	80.43	ng		0.00
45) 2-Fluorobiphenyl	12.57	172	771216	75.80	ng		0.00
79) Terphenyl-d14	19.39	244	1694047	74.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	52336	40.936	ng		95
3) Pyridine	3.31	79	150580	41.180	ng		93
4) n-Nitrosodimethylamine	3.23	42	105566	48.233	ng	#	84
6) Aniline	6.65	93	192108	36.920	ng		100
8) 2-Chlorophenol	6.87	128	121570	38.355	ng		99
9) Benzaldehyde	6.46	77	91248	38.782	ng		93
10) Phenol	6.54	94	158331	37.788	ng		91
11) bis(2-Chloroethyl)ether	6.75	93	128032	36.546	ng		94
12) 1,3-Dichlorobenzene	7.18	146	131860	38.273	ng		96
13) 1,4-Dichlorobenzene	7.33	146	134377	38.318	ng		98
14) 1,2-Dichlorobenzene	7.64	146	133401	38.186	ng		98
15) Benzyl Alcohol	7.55	79	139105	38.349	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.84	45	281521	38.934	ng		99
17) 2-Methylphenol	7.76	107	118802	37.309	ng		95
18) Hexachloroethane	8.34	117	56677	40.693	ng		99
19) n-Nitroso-di-n-propylamine	8.11	70	132555	37.579	ng		95
20) 3+4-Methylphenols	8.09	107	162928	37.218	ng		95
22) Acetophenone	8.12	105	212219	39.252	ng		93
24) Nitrobenzene	8.49	77	188309	40.138	ng		99
25) Isophorone	9.01	82	331438	38.758	ng		99
26) 2-Nitrophenol	9.19	139	67554	39.014	ng		90
27) 2,4-Dimethylphenol	9.27	122	111562	39.622	ng		98
28) bis(2-Chloroethoxy)methane	9.50	93	180299	38.164	ng		99
29) 2,4-Dichlorophenol	9.72	162	123464	39.816	ng		98
30) 1,2,4-Trichlorobenzene	9.92	180	140875	40.724	ng		98
31) Naphthalene	10.10	128	411405	38.878	ng		99
32) Benzoic acid	9.47	122	83354	36.159	ng		90
33) 4-Chloroaniline	10.23	127	182411	39.406	ng		96
34) Hexachlorobutadiene	10.39	225	95017	41.474	ng		99
35) Caprolactam	11.03	113	42579	38.764	ng		93
36) 4-Chloro-3-methylphenol	11.38	107	159664	40.741	ng		97
37) 2-Methylnaphthalene	11.72	142	307519	39.231	ng		96
38) 1-Methylnaphthalene	11.95	142	296412	39.469	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.11	216	167113	38.214	ng		98

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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED

Quant Time: Jul 22 15:02:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.09	237	70726	32.717	ng		97
43) 2,4,6-Trichlorophenol	12.37	196	111111	38.787	ng		99
44) 2,4,5-Trichlorophenol	12.45	196	131650	39.109	ng		98
46) 1,1'-Biphenyl	12.78	154	399661	37.402	ng		99
47) 2-Chloronaphthalene	12.81	162	331819	38.440	ng		98
48) 2-Nitroaniline	13.04	65	146724	41.303	ng		90
49) Acenaphthylene	13.68	152	527414	38.220	ng		100
50) Dimethylphthalate	13.45	163	444865	38.447	ng		99
51) 2,6-Dinitrotoluene	13.56	165	95651	38.604	ng	#	87
52) Acenaphthene	14.02	154	322007	38.396	ng		100
53) 3-Nitroaniline	13.89	138	100922	39.153	ng		96
54) 2,4-Dinitrophenol	14.12	184	51326	33.822	ng		92
55) Dibenzofuran	14.37	168	532005	38.689	ng		99
56) 4-Nitrophenol	14.24	139	74491	35.442	ng		86
57) 2,4-Dinitrotoluene	14.37	165	144320	40.357	ng		88
58) Fluorene	15.02	166	447467	39.303	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.61	232	113985	38.773	ng		96
60) Diethylphthalate	14.83	149	491084	40.138	ng		98
61) 4-Chlorophenyl-phenylether	15.03	204	243327	39.448	ng		95
62) 4-Nitroaniline	15.07	138	111081m	37.608	ng		
63) Azobenzene	15.32	77	559668	41.647	ng		94
65) 4,6-Dinitro-2-methylphenol	15.14	198	80634	35.494	ng		91
66) n-Nitrosodiphenylamine	15.25	169	393624	38.522	ng		98
67) 4-Bromophenyl-phenylether	15.92	248	154229	38.535	ng		94
68) Hexachlorobenzene	16.04	284	164107	38.958	ng		99
69) Atrazine	16.22	200	104614	34.046	ng		99
70) Pentachlorophenol	16.39	266	92808	38.946	ng		95
71) Phenanthrene	16.77	178	749027	39.459	ng		99
72) Anthracene	16.85	178	748240	39.595	ng		99
73) Carbazole	17.14	167	733709	40.725	ng		99
74) Di-n-butylphthalate	17.72	149	938459	41.427	ng		99
75) Fluoranthene	18.80	202	964544	41.255	ng		99
77) Benzidine	19.01	184	338403	38.595	ng		99
78) Pyrene	19.17	202	1027807	36.686	ng		100
80) Butylbenzylphthalate	20.11	149	488840	38.882	ng		99
81) Benzo(a)anthracene	20.94	228	1174431	39.312	ng		99
82) 3,3'-Dichlorobenzidine	20.88	252	390064	41.138	ng		99
83) Chrysene	20.99	228	1139709	39.196	ng		99
84) Bis(2-ethylhexyl)phthalate	20.90	149	801597	39.799	ng		100
85) Di-n-octyl phthalate	21.75	149	1421834	41.302	ng		97
87) Indeno(1,2,3-cd)pyrene	25.01	276	1477305	43.336	ng		99
88) Benzo(b)fluoranthene	22.42	252	1287512	40.807	ng		99
89) Benzo(k)fluoranthene	22.45	252	1236770	39.963	ng		99
90) Benzo(a)pyrene	22.93	252	1200277	40.979	ng		99
91) Dibenzo(a,h)anthracene	25.02	278	1239634	43.077	ng		99
92) Benzo(g,h,i)perylene	25.61	276	1146490	43.239	ng		99

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

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