Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
Data File : BM024634.D
Acq On : 28 Jan 2020 10:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/30/2020 8:03:02 AM

Quant Time: Jan 28 15:14:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	324058	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1251955	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	922180	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	2159892	20.00	ng	0.00
76) Chrysene-d12	21.06	240	2066253	20.00	ng	0.00
87) Perylene-d12	23.16	264	1964851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1411051	82.81	ng	0.00
7) Phenol-d6	6.65	99	1898057	80.86	ng	0.00
23) Nitrobenzene-d5	8.59	82	2010459	78.75	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	1430019	95.33	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	5967669	87.98	ng	0.00
79) Terphenyl-d14	19.50	244	10659865	96.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	261299	38.765	ng	92
3) Pyridine	3.45	79	749612	38.362	ng	95
4) n-Nitrosodimethylamine	3.37	42	296979	34.240	ng	84
6) Aniline	6.79	93	1146436	40.119	ng	96
8) 2-Chlorophenol	7.02	128	821890	42.370	ng	91
9) Benzaldehyde	6.60	77	516458	37.236	ng	92
10) Phenol	6.67	94	940253	40.184	ng	94
11) bis(2-Chloroethyl)ether	6.89	93	765570	40.870	ng	95
12) 1,3-Dichlorobenzene	7.33	146	1047101	43.940	ng	95
13) 1,4-Dichlorobenzene	7.48	146	1062808	43.962	ng	96
14) 1,2-Dichlorobenzene	7.79	146	1011115	43.329	ng	98
15) Benzyl Alcohol	7.69	79	747440	38.620	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.99	45	600026	34.990	ng	96
17) 2-Methylphenol	7.90	107	678300	41.136	ng	95
18) Hexachloroethane	8.50	117	376106	40.288	ng	94
19) n-Nitroso-di-n-propylamine	8.26	70	641092	36.375	ng	94
20) 3+4-Methylphenols	8.23	107	942171	41.277	ng	97
22) Acetophenone	8.26	105	1338337	41.458	ng	96
24) Nitrobenzene	8.63	77	954039	38.998	ng	94
25) Isophorone	9.16	82	1743879	40.203	ng	98
26) 2-Nitrophenol	9.33	139	530893	46.866	ng	88
27) 2,4-Dimethylphenol	9.41	122	680468	44.205	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	1110317	41.902	ng	99
29) 2,4-Dichlorophenol	9.86	162	984154	47.322	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	1194354	47.617	ng	99
31) Naphthalene	10.25	128	2781679	43.991	ng	100
32) Benzoic acid	9.60	122	582532	41.369	ng	94
33) 4-Chloroaniline	10.37	127	1246015	44.955	ng	96
34) Hexachlorobutadiene	10.56	225	813733	46.931	ng	99
35) Caprolactam	11.17	113	295700m	44.318	ng	
36) 4-Chloro-3-methylphenol	11.52	107	945073	42.736	ng	90
37) 2-Methylnaphthalene	11.87	142	2223153	45.558	ng	98
38) 1-Methylnaphthalene	12.10	142	2098380	45.206	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1475767	44.839	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	845333	45.822	ng		100
43) 2,4,6-Trichlorophenol	12.51	196	964159	46.035	ng		100
44) 2,4,5-Trichlorophenol	12.58	196	987096	46.148	ng		96
46) 1,1'-Biphenyl	12.92	154	3085276	44.209	ng		99
47) 2-Chloronaphthalene	12.95	162	2500441	44.381	ng		98
48) 2-Nitroaniline	13.16	65	637235	37.084	ng		88
49) Acenaphthylene	13.81	152	3720658	44.114	ng		100
50) Dimethylphthalate	13.57	163	3256975	43.677	ng		100
51) 2,6-Dinitrotoluene	13.67	165	713226	44.987	ng	#	85
52) Acenaphthene	14.16	154	2296617	43.882	ng		99
53) 3-Nitroaniline	14.00	138	715510	43.513	ng		94
54) 2,4-Dinitrophenol	14.22	184	438794	46.283	ng	#	83
55) Dibenzofuran	14.50	168	3767820	44.143	ng		97
56) 4-Nitrophenol	14.33	139	550281	42.811	ng		87
57) 2,4-Dinitrotoluene	14.47	165	1027515	45.222	ng	#	85
58) Fluorene	15.15	166	3112533	43.393	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	975981	44.994	ng		94
60) Diethylphthalate	14.96	149	3215022	42.468	ng		97
61) 4-Chlorophenyl-phenylether	15.16	204	1784808	43.159	ng		98
62) 4-Nitroaniline	15.18	138	775527	42.727	ng		91
63) Azobenzene	15.45	77	2412278	37.356	ng		92
65) 4,6-Dinitro-2-methylphenol	15.24	198	582971	45.904	ng		90
66) n-Nitrosodiphenylamine	15.37	169	2737313	44.120	ng		99
67) 4-Bromophenyl-phenylether	16.05	248	1219796	45.413	ng		96
68) Hexachlorobenzene	16.16	284	1446503	46.929	ng		96
69) Atrazine	16.34	200	952937	40.014	ng		99
70) Pentachlorophenol	16.50	266	862218	45.924	ng		99
71) Phenanthrene	16.89	178	5158865	44.107	ng		99
72) Anthracene	16.98	178	5058560	44.201	ng		99
73) Carbazole	17.25	167	4549009	43.664	ng		99
74) Di-n-butylphthalate	17.84	149	5620945	42.203	ng		99
75) Fluoranthene	18.92	202	6356993	43.547	ng		99
77) Benzidine	19.11	184	2098133	43.602	ng		100
78) Pyrene	19.27	202	6486751	47.621	ng		100
80) Butylbenzylphthalate	20.22	149	2556845	44.733	ng		94
81) Benzo(a)anthracene	21.04	228	6303672	43.956	ng		100
82) 3,3'-Dichlorobenzidine	20.98	252	2347117	45.497	ng		100
83) Chrysene	21.09	228	6026064	44.036	ng		99
84) Bis(2-ethylhexyl)phthalate	21.01	149	3573076	42.367	ng		97
85) Di-n-octyl phthalate	21.86	149	5730443	41.127	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.24	276	5549572	37.208	ng		99
88) Benzo(b)fluoranthene	22.54	252	5948328	46.677	ng		100
89) Benzo(k)fluoranthene	22.59	252	5679440	45.659	ng		99
90) Benzo(a)pyrene	23.08	252	5201861	44.897	ng		99
91) Dibenzo(a,h)anthracene	25.25	278	4604184	41.868	ng		99
92) Benzo(g,h,i)perylene	25.87	276	4380880	43.873	ng		98

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

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