Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024115.D
Acq On : 16 Dec 2019 19:08
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
12/17/2019 3:20:26 PM

Quant Time: Dec 16 19:53:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 17:25:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	384088	20.00	ng		0.00
21) Naphthalene-d8	10.23	136	1600059	20.00	ng		0.00
39) Acenaphthene-d10	14.12	164	1055911	20.00	ng		0.00
64) Phenanthrene-d10	16.87	188	2303379	20.00	ng		0.00
76) Chrysene-d12	21.09	240	2329072	20.00	ng		0.00
87) Perylene-d12	23.21	264	2534103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	4234762	174.86	ng		0.00
7) Phenol-d6	6.66	99	6514023	209.42	ng		0.01
23) Nitrobenzene-d5	8.62	82	6768769	234.83	ng		0.01
42) 2,4,6-Tribromophenol	15.63	330	3248481	246.44	ng		0.00
45) 2-Fluorobiphenyl	12.73	172	14378722	187.52	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	872943	89.580	ng	#	100
3) Pyridine	3.43	79	2496992	97.212	ng		97
4) n-Nitrosodimethylamine	3.34	42	874311	93.502	ng		98
6) Aniline	6.80	93	3986651	106.889	ng		99
8) 2-Chlorophenol	7.03	128	2481287	100.560	ng		100
9) Benzaldehyde	6.62	77	1092895	61.706	ng		99
10) Phenol	6.69	94	3369052	115.047	ng		99
11) bis(2-Chloroethyl)ether	6.90	93	2658853	115.564	ng		98
12) 1,3-Dichlorobenzene	7.35	146	2776650	94.152	ng		99
13) 1,4-Dichlorobenzene	7.49	146	2818414	94.401	ng		98
14) 1,2-Dichlorobenzene	7.80	146	2759776	96.957	ng		100
15) Benzyl Alcohol	7.72	79	2599843	133.575	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	3048824	91.223	ng		100
17) 2-Methylphenol	7.92	107	2272449	117.237	ng		98
18) Hexachloroethane	8.52	117	1051626	96.036	ng		94
19) n-Nitroso-di-n-propylamine	8.28	70	2336711	134.527	ng		97
20) 3+4-Methylphenols	8.25	107	3173246	122.912	ng		98
22) Acetophenone	8.29	105	4323539	109.468	ng	#	99
24) Nitrobenzene	8.66	77	3297089	119.550	ng		98
25) Isophorone	9.19	82	6175907	130.307	ng		99
26) 2-Nitrophenol	9.36	139	1554426	130.559	ng		98
27) 2,4-Dimethylphenol	9.43	122	2152347	107.986	ng		99
28) bis(2-Chloroethoxy)methane	9.67	93	3817151	116.388	ng		97
29) 2,4-Dichlorophenol	9.89	162	2613317	115.968	ng		100
30) 1,2,4-Trichlorobenzene	10.10	180	2880582	103.897	ng		99
31) Naphthalene	10.27	128	8463902	107.058	ng		99
32) Benzoic acid	9.69	122	2173335m	169.416	ng		
33) 4-Chloroaniline	10.41	127	3896809	113.523	ng		98
34) Hexachlorobutadiene	10.56	225	1647087	99.659	ng		99
35) Caprolactam	11.26	113	1005123m	150.451	ng		
36) 4-Chloro-3-methylphenol	11.56	107	3059944	139.178	ng		100
37) 2-Methylnaphthalene	11.90	142	6346288	115.321	ng		100
38) 1-Methylnaphthalene	12.13	142	6049423	115.806	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	3225818	90.160	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	1361368	69.738	ng		99
43) 2,4,6-Trichlorophenol	12.54	196	2166791	104.929	ng		99
44) 2,4,5-Trichlorophenol	12.62	196	2256793	104.874	ng		97
46) 1,1'-Biphenyl	12.95	154	8451029	96.704	ng		99
47) 2-Chloronaphthalene	12.99	162	6713978	103.076	ng		99
48) 2-Nitroaniline	13.21	65	2320346	136.804	ng		95
49) Acenaphthylene	13.84	152	10443805	108.275	ng		99
50) Dimethylphthalate	13.61	163	8618346	112.941	ng		100
51) 2,6-Dinitrotoluene	13.72	165	1935582	121.264	ng		94
52) Acenaphthene	14.19	154	6412899	101.624	ng		99
53) 3-Nitroaniline	14.06	138	2211575	120.355	ng		94
54) 2,4-Dinitrophenol	14.27	184	1235914	163.993	ng		96
55) Dibenzofuran	14.53	168	10071691	109.325	ng		98
56) 4-Nitrophenol	14.39	139	1667231	118.044	ng		97
57) 2,4-Dinitrotoluene	14.52	165	2788149	133.336	ng		95
58) Fluorene	15.18	166	8493361	113.451	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.76	232	1994585	106.280	ng		99
60) Diethylphthalate	14.98	149	8754311	117.986	ng		97
61) 4-Chlorophenyl-phenylether	15.18	204	4241183	110.258	ng		98
62) 4-Nitroaniline	15.23	138	2246022	116.586	ng		99
63) Azobenzene	15.47	77	8348470	124.595	ng		99
65) 4,6-Dinitro-2-methylphenol	15.29	198	1539733	142.735	ng		99
66) n-Nitrosodiphenylamine	15.40	169	7287687	103.566	ng		100
67) 4-Bromophenyl-phenylether	16.07	248	2835106	110.663	ng		99
68) Hexachlorobenzene	16.19	284	3411024	114.170	ng		97
69) Atrazine	16.36	200	684707	29.932	ng		99
70) Pentachlorophenol	16.54	266	1608080	100.925	ng		100
71) Phenanthrene	16.92	178	12751559	98.112	ng	#	92
72) Anthracene	17.01	178	12502827	99.259	ng		95
73) Carbazole	17.29	167	12164186	103.777	ng		98
74) Di-n-butylphthalate	17.86	149	12844536	96.642	ng	#	92
75) Fluoranthene	18.94	202	13587250	92.644	ng		88
78) Pyrene	19.31	202	13824634	90.573	ng	#	88
80) Butylbenzylphthalate	20.24	149	7405705	127.664	ng		95
81) Benzo(a)anthracene	21.07	228	13772061	91.235	ng		96
82) 3,3'-Dichlorobenzidine	21.02	252	5422230	101.290	ng		99
83) Chrysene	21.13	228	12804882m	87.499	ng		
84) Bis(2-ethylhexyl)phthalate	21.03	149	10039417	116.803	ng	#	88
85) Di-n-octyl phthalate	21.87	149	13140972	95.929	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.36	276	16641497	95.275	ng	#	100
88) Benzo(b)fluoranthene	22.60	252	16022232	104.425	ng		95
89) Benzo(k)fluoranthene	22.64	252	14706200	96.599	ng	#	87
90) Benzo(a)pyrene	23.14	252	15015957	106.209	ng		98
91) Dibenzo(a,h)anthracene	25.36	278	13817948	93.437	ng		99
92) Benzo(g,h,i)perylene	25.99	276	12743932	90.728	ng		100

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

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