Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024602.D
Acq On : 23 Jan 2020 11:46
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 23 12:55:46 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 12:41:27 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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1/24/2020 1:54:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	235208	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	971601	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	677540	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1589144	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1655690	20.00	ng	0.00
87) Perylene-d12	23.16	264	1822825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1013785	76.79	ng	0.00
7) Phenol-d6	6.65	99	1407791	80.20	ng	0.00
23) Nitrobenzene-d5	8.59	82	1624000	80.70	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	893476	95.88	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4103501	81.08	ng	0.00
79) Terphenyl-d14	19.50	244	7815412	98.99	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	198386	35.007	ng	100
3) Pyridine	3.45	79	562510	34.307	ng	100
4) n-Nitrosodimethylamine	3.37	42	258203	29.516	ng	100
6) Aniline	6.79	93	854998	39.016	ng	100
8) 2-Chlorophenol	7.02	128	580277	39.184	ng	100
9) Benzaldehyde	6.60	77	398946	45.868	ng	100
10) Phenol	6.67	94	701687	39.035	ng	100
11) bis(2-Chloroethyl)ether	6.89	93	569582	39.724	ng	100
12) 1,3-Dichlorobenzene	7.33	146	710665	38.572	ng	100
13) 1,4-Dichlorobenzene	7.48	146	723860	38.867	ng	100
14) 1,2-Dichlorobenzene	7.79	146	693859	38.486	ng	100
15) Benzyl Alcohol	7.69	79	576547	41.819	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.99	45	524654	27.995	ng	100
17) 2-Methylphenol	7.89	107	495962	40.356	ng	100
18) Hexachloroethane	8.51	117	279261	40.488	ng	100
19) n-Nitroso-di-n-propylamine	8.26	70	525845	41.679	ng	100
20) 3+4-Methylphenols	8.22	107	690729	41.145	ng	100
22) Acetophenone	8.26	105	1020291	37.570	ng	100
24) Nitrobenzene	8.63	77	774376	39.272	ng	100
25) Isophorone	9.16	82	1382057	40.995	ng	100
26) 2-Nitrophenol	9.33	139	360793	52.272	ng	100
27) 2,4-Dimethylphenol	9.41	122	484601	40.736	ng	100
28) bis(2-Chloroethoxy)methane	9.64	93	844507	40.827	ng	100
29) 2,4-Dichlorophenol	9.86	162	663661	42.495	ng	100
30) 1,2,4-Trichlorobenzene	10.07	180	782050	41.094	ng	100
31) Naphthalene	10.25	128	1996151	38.038	ng	100
32) Benzoic acid	9.57	122	458626m	59.959	ng	
33) 4-Chloroaniline	10.37	127	885992	38.081	ng	100
34) Hexachlorobutadiene	10.56	225	549484	43.718	ng	100
35) Caprolactam	11.15	113	212755m	44.688	ng	
36) 4-Chloro-3-methylphenol	11.51	107	701579	42.850	ng	100
37) 2-Methylnaphthalene	11.88	142	1540208	40.063	ng	100
38) 1-Methylnaphthalene	12.10	142	1464803	39.992	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	991588	41.891	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	563519	43.124	ng	100
43) 2,4,6-Trichlorophenol	12.51	196	642379	47.646	ng	100
44) 2,4,5-Trichlorophenol	12.58	196	645987	44.521	ng	100
46) 1,1'-Biphenyl	12.92	154	2106095	38.674	ng	100
47) 2-Chloronaphthalene	12.95	162	1703333	38.591	ng	100
48) 2-Nitroaniline	13.16	65	526634	39.315	ng	100
49) Acenaphthylene	13.81	152	2544510	38.076	ng	100
50) Dimethylphthalate	13.57	163	2250855	40.076	ng	100
51) 2,6-Dinitrotoluene	13.67	165	480693	40.128	ng	100
52) Acenaphthene	14.16	154	1576211	38.575	ng	100
53) 3-Nitroaniline	14.00	138	507409	38.806	ng	100
54) 2,4-Dinitrophenol	14.21	184	287056	59.265	ng	100
55) Dibenzofuran	14.50	168	2561806	38.736	ng	100
56) 4-Nitrophenol	14.33	139	396952	40.885	ng	100
57) 2,4-Dinitrotoluene	14.47	165	693722	40.565	ng	100
58) Fluorene	15.15	166	2163879	38.802	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	651171	48.243	ng	100
60) Diethylphthalate	14.95	149	2296448	39.621	ng	100
61) 4-Chlorophenyl-phenylether	15.16	204	1242801	40.774	ng	100
62) 4-Nitroaniline	15.17	138	559937	37.859	ng	100
63) Azobenzene	15.45	77	1960146	37.734	ng	100
65) 4,6-Dinitro-2-methylphenol	15.24	198	385673	56.730	ng	100
66) n-Nitrosodiphenylamine	15.37	169	1852786	39.426	ng	100
67) 4-Bromophenyl-phenylether	16.05	248	800065	41.723	ng	100
68) Hexachlorobenzene	16.16	284	913888	40.919	ng	100
69) Atrazine	16.34	200	728551	56.253	ng	100
70) Pentachlorophenol	16.50	266	564178	50.036	ng	100
71) Phenanthrene	16.89	178	3498077	38.589	ng	100
72) Anthracene	16.98	178	3413283	38.422	ng	100
73) Carbazole	17.25	167	3126018	37.642	ng	100
74) Di-n-butylphthalate	17.84	149	4029144	42.057	ng	100
75) Fluoranthene	18.91	202	4346169	40.117	ng	100
77) Benzidine	19.11	184	1586702	65.489	ng	100
78) Pyrene	19.27	202	4485252	41.104	ng	100
80) Butylbenzylphthalate	20.22	149	1902177	52.312	ng	100
81) Benzo(a)anthracene	21.04	228	4714416	41.322	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	1757285	50.494	ng	100
83) Chrysene	21.09	228	4511782	41.822	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	2789256	46.283	ng	100
85) Di-n-octyl phthalate	21.86	149	4690328	50.195	ng	100
86) Indeno(1,2,3-cd)pyrene	25.24	276	5078304	47.424	ng	98
88) Benzo(b)fluoranthene	22.54	252	4876944	39.542	ng	100
89) Benzo(k)fluoranthene	22.59	252	4669111	39.402	ng	100
90) Benzo(a)pyrene	23.08	252	4391966	39.978	ng	100
91) Dibenzo(a,h)anthracene	25.25	278	4253817	43.432	ng	100
92) Benzo(g,h,i)perylene	25.87	276	3889319	43.947	ng	100

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

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