Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121919\
Data File : BP001333.D
Acq On : 19 Dec 2019 19:49
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP121919

Manual Integrations APPROVED
Sohil
12/20/2019 4:27:53 PM

Quant Time: Dec 20 03:26:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	45603	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	160612	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	93124	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	184530	20.00	ng	0.00
76) Chrysene-d12	19.25	240	156515	20.00	ng	0.00
87) Perylene-d12	21.02	264	164684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	210832	74.72	ng	0.00
7) Phenol-d6	7.75	99	274216	74.48	ng	0.00
23) Nitrobenzene-d5	9.19	82	311320	74.43	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	86896	74.64	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	550750	74.78	ng	0.00
79) Terphenyl-d14	17.89	244	684234	74.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	43062	37.084	ng	98
3) Pyridine	3.37	79	125292	39.497	ng	97
4) n-Nitrosodimethylamine	3.28	42	76324	37.998	ng	95
6) Aniline	7.78	93	172988	37.323	ng	94
8) 2-Chlorophenol	7.96	128	105714	37.267	ng	97
9) Benzaldehyde	7.60	77	98574	38.165	ng	96
10) Phenol	7.77	94	159478	37.909	ng	98
11) bis(2-Chloroethyl)ether	7.90	93	112027	37.641	ng	99
12) 1,3-Dichlorobenzene	8.21	146	134751	38.137	ng	99
13) 1,4-Dichlorobenzene	8.33	146	135799	37.724	ng	96
14) 1,2-Dichlorobenzene	8.57	146	127678	37.230	ng	97
15) Benzyl Alcohol	8.53	79	129653	37.529	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	179362	38.053	ng	99
17) 2-Methylphenol	8.73	107	92436	36.876	ng	99
18) Hexachloroethane	9.10	117	58248	38.036	ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	99166	37.940	ng	100
20) 3+4-Methylphenols	8.97	107	124709	37.491	ng	98
22) Acetophenone	8.95	105	188576	37.129	ng	99
24) Nitrobenzene	9.22	77	152857	37.133	ng	99
25) Isophorone	9.61	82	249780	37.141	ng	100
26) 2-Nitrophenol	9.73	139	55319	37.686	ng	97
27) 2,4-Dimethylphenol	9.82	122	80412	37.246	ng	99
28) bis(2-Chloroethoxy)methane	9.98	93	146862	36.563	ng	100
29) 2,4-Dichlorophenol	10.12	162	100362	37.543	ng	95
30) 1,2,4-Trichlorobenzene	10.25	180	122389	37.221	ng	99
31) Naphthalene	10.37	128	322311	36.763	ng	99
32) Benzoic acid	10.00	122	63641m	37.667	ng	
33) 4-Chloroaniline	10.47	127	131165	36.582	ng	99
34) Hexachlorobutadiene	10.60	225	85098	37.104	ng	95
35) Caprolactam	11.04	113	29717	37.359	ng	98
36) 4-Chloro-3-methylphenol	11.28	107	115981	37.127	ng	99
37) 2-Methylnaphthalene	11.50	142	222837	36.816	ng	97
38) 1-Methylnaphthalene	11.66	142	210186	36.937	ng	95
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	128716	37.382	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	65172	38.269	ng		96
43) 2,4,6-Trichlorophenol	11.97	196	79737	37.654	ng		99
44) 2,4,5-Trichlorophenol	12.03	196	82734	38.026	ng		98
46) 1,1'-Biphenyl	12.27	154	291570	37.415	ng		100
47) 2-Chloronaphthalene	12.30	162	233686	37.094	ng		100
48) 2-Nitroaniline	12.46	65	95080	37.690	ng		99
49) Acenaphthylene	12.97	152	344118	37.366	ng		99
50) Dimethylphthalate	12.80	163	289263	37.863	ng		99
51) 2,6-Dinitrotoluene	12.88	165	60027	38.695	ng		95
52) Acenaphthene	13.26	154	205401	37.018	ng		98
53) 3-Nitroaniline	13.14	138	62557	37.571	ng		98
54) 2,4-Dinitrophenol	13.32	184	24698	41.231	ng		97
55) Dibenzofuran	13.54	168	321266	36.954	ng		100
56) 4-Nitrophenol	13.43	139	45112	37.890	ng		96
57) 2,4-Dinitrotoluene	13.53	165	81869	37.971	ng		98
58) Fluorene	14.10	166	260765	37.501	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	70260m	37.613	ng		
60) Diethylphthalate	13.96	149	298971	37.941	ng		98
61) 4-Chlorophenyl-phenylether	14.12	204	136574	37.363	ng		99
62) 4-Nitroaniline	12.46	138	72365	37.531	ng		98
63) Azobenzene	14.38	77	312529	37.674	ng		98
65) 4,6-Dinitro-2-methylphenol	14.20	198	33105	40.058	ng		96
66) n-Nitrosodiphenylamine	14.32	169	220778	37.739	ng		100
67) 4-Bromophenyl-phenylether	14.92	248	83445	38.248	ng		96
68) Hexachlorobenzene	15.00	284	94258	37.950	ng		96
69) Atrazine	15.21	200	79049	37.618	ng		97
70) Pentachlorophenol	15.32	266	48224	37.861	ng		89
71) Phenanthrene	15.64	178	395631	37.579	ng		100
72) Anthracene	15.72	178	388911	37.316	ng		99
73) Carbazole	15.96	167	348374	37.493	ng		99
74) Di-n-butylphthalate	16.52	149	483959	37.954	ng		99
75) Fluoranthene	17.35	202	446680	37.944	ng		99
77) Benzidine	17.54	184	169655	37.230	ng	#	93
78) Pyrene	17.66	202	455548	37.486	ng		100
80) Butylbenzylphthalate	18.55	149	214751	37.905	ng		97
81) Benzo(a)anthracene	19.24	228	427109	37.449	ng		100
82) 3,3'-Dichlorobenzidine	19.20	252	143396	36.208	ng		97
83) Chrysene	19.29	228	407858	37.050	ng		99
84) Bis(2-ethylhexyl)phthalate	19.29	149	309853	37.271	ng		98
85) Di-n-octyl phthalate	20.07	149	514571	37.344	ng		100
86) Indeno(1,2,3-cd)pyrene	22.67	276	437559	36.804	ng		100
88) Benzo(b)fluoranthene	20.54	252	415095	38.380	ng		99
89) Benzo(k)fluoranthene	20.57	252	378184	36.708	ng		99
90) Benzo(a)pyrene	20.95	252	369564	37.510	ng		98
91) Dibenzo(a,h)anthracene	22.69	278	361136	37.489	ng		98
92) Benzo(g,h,i)perylene	23.16	276	345340	37.517	ng		99

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

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