Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001279.D
Acq On : 09 Dec 2019 19:46
Operator : JU
Sample : K6177-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-6MS

Manual Integrations APPROVED
mohammad
12/10/2019 3:46:57 PM

Quant Time: Dec 10 05:25:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	66956	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	248347	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	145408	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	291685	20.00	ng		0.00
76) Chrysene-d12	19.25	240	238155	20.00	ng		0.00
87) Perylene-d12	21.02	264	252278	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	427674	105.97	ng		0.01
7) Phenol-d6	7.76	99	598776	111.37	ng		0.00
23) Nitrobenzene-d5	9.19	82	410024	71.63	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	172565	123.81	ng		0.00
45) 2-Fluorobiphenyl	12.12	172	701402	70.60	ng		-0.01
79) Terphenyl-d14	17.89	244	916607	71.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	60648	32.173	ng		97
3) Pyridine	3.45	79	149713	28.621	ng		90
4) n-Nitrosodimethylamine	3.35	42	108412	47.896	ng		82
6) Aniline	7.79	93	109777	15.399	ng	#	1
8) 2-Chlorophenol	7.98	128	168737	40.411	ng		99
9) Benzaldehyde	7.60	77	74327	20.193	ng		98
10) Phenol	7.78	94	240495	39.324	ng		94
11) bis(2-Chloroethyl)ether	7.92	93	173634	36.460	ng		98
12) 1,3-Dichlorobenzene	8.22	146	188601	38.108	ng		97
13) 1,4-Dichlorobenzene	8.33	146	192081	38.528	ng		95
14) 1,2-Dichlorobenzene	8.58	146	182553	38.907	ng		98
15) Benzyl Alcohol	8.54	79	198126	44.891	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	269310	35.174	ng		99
17) 2-Methylphenol	8.73	107	146323	38.203	ng		99
18) Hexachloroethane	9.11	117	80277	38.924	ng		97
19) n-Nitroso-di-n-propylamine	8.98	70	150456	38.781	ng		98
20) 3+4-Methylphenols	8.98	107	195011	40.390	ng		98
22) Acetophenone	8.96	105	278931	38.214	ng	#	98
24) Nitrobenzene	9.22	77	231249	40.627	ng		99
25) Isophorone	9.62	82	394475	38.431	ng		99
26) 2-Nitrophenol	9.73	139	85619	41.066	ng		95
27) 2,4-Dimethylphenol	9.83	122	146329	44.309	ng		95
28) bis(2-Chloroethoxy)methane	9.98	93	220769	34.280	ng		100
29) 2,4-Dichlorophenol	10.12	162	151568	40.324	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	169942	38.710	ng		98
31) Naphthalene	10.38	128	490273	38.654	ng		100
32) Benzoic acid	10.01	122	92495	38.741	ng		97
33) 4-Chloroaniline	10.47	127	39628	7.200	ng		98
34) Hexachlorobutadiene	10.60	225	113420	41.069	ng		95
35) Caprolactam	11.04	113	47497m	36.665	ng		
36) 4-Chloro-3-methylphenol	11.29	107	185297	41.580	ng		99
37) 2-Methylnaphthalene	11.51	142	342451	39.568	ng		97
38) 1-Methylnaphthalene	11.67	142	315838	38.631	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	181567	39.622	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	229412	108.520	ng	99
43) 2,4,6-Trichlorophenol	11.98	196	116951	39.087	ng	98
44) 2,4,5-Trichlorophenol	12.03	196	123535	39.849	ng	98
46) 1,1'-Biphenyl	12.28	154	431514	38.399	ng	99
47) 2-Chloronaphthalene	12.30	162	335193	37.342	ng	99
48) 2-Nitroaniline	12.47	65	135817	38.606	ng	100
49) Acenaphthylene	12.97	152	533047	39.617	ng	99
50) Dimethylphthalate	12.80	163	464513	42.713	ng	99
51) 2,6-Dinitrotoluene	12.88	165	89464	38.430	ng	96
52) Acenaphthene	13.26	154	306652	37.888	ng	99
53) 3-Nitroaniline	13.13	138	35661	13.636	ng	98
54) 2,4-Dinitrophenol	13.32	184	74959	78.934	ng	89
55) Dibenzofuran	13.55	168	483350	39.741	ng	98
56) 4-Nitrophenol	13.45	139	144377	77.912	ng	87
57) 2,4-Dinitrotoluene	13.54	165	121590	41.669	ng	94
58) Fluorene	14.11	166	389755	39.992	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	103716	40.700	ng	98
60) Diethylphthalate	13.97	149	430543	38.235	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	196344	39.564	ng	98
62) 4-Nitroaniline	12.47	138	106296	35.059	ng	97
63) Azobenzene	14.39	77	470163	38.627	ng	96
65) 4,6-Dinitro-2-methylphenol	14.20	198	50435	41.321	ng	87
66) n-Nitrosodiphenylamine	14.32	169	334962	37.795	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	118478	37.414	ng	99
68) Hexachlorobenzene	15.00	284	129374	37.161	ng	97
69) Atrazine	15.21	200	112011	41.393	ng	97
70) Pentachlorophenol	15.32	266	156933	86.487	ng	99
71) Phenanthrene	15.64	178	586013	38.214	ng	100
72) Anthracene	15.72	178	607696	40.206	ng	99
73) Carbazole	15.96	167	536880	39.035	ng	99
74) Di-n-butylphthalate	16.52	149	696203	37.648	ng	99
75) Fluoranthene	17.35	202	665162	40.973	ng	99
77) Benzidine	17.54	184	189566	30.829	ng	99
78) Pyrene	17.66	202	679405	36.220	ng	99
80) Butylbenzylphthalate	18.54	149	306454	35.372	ng	98
81) Benzo(a)anthracene	19.23	228	602063	36.462	ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	133536	24.480	ng	98
83) Chrysene	19.29	228	576375	38.981	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	435909	36.595	ng	100
85) Di-n-octyl phthalate	20.07	149	762016	36.012	ng	100
86) Indeno(1,2,3-cd)pyrene	22.67	276	629683	36.135	ng	98
88) Benzo(b)fluoranthene	20.54	252	580357	37.663	ng	99
89) Benzo(k)fluoranthene	20.57	252	567525	38.240	ng	99
90) Benzo(a)pyrene	20.95	252	559413	39.414	ng	98
91) Dibenzo(a,h)anthracene	22.69	278	532223	38.318	ng	99
92) Benzo(g,h,i)perylene	23.16	276	515706	37.601	ng	97

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

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