Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001473.D
Acq On : 27 Dec 2019 22:46
Operator : JU
Sample : K6431-11MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)MSD

Manual Integrations APPROVED
mohammad
12/30/2019 2:07:57 PM

Quant Time: Dec 28 04:40:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23959	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	84160	20.00	ng		0.00
39) Acenaphthene-d10	13.18	164	51535	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	101178	20.00	ng		0.00
76) Chrysene-d12	19.23	240	78651	20.00	ng		0.00
87) Perylene-d12	20.99	264	82324	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	168089	113.39	ng		0.01
7) Phenol-d6	7.76	99	227079	117.39	ng		0.00
23) Nitrobenzene-d5	9.17	82	152361	69.52	ng		0.00
42) 2,4,6-Tribromophenol	14.48	330	80739	125.31	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	307184	75.37	ng		0.00
79) Terphenyl-d14	17.86	244	381081	82.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	17584	28.822	ng		93
3) Pyridine	3.41	79	43398	26.040	ng		95
4) n-Nitrosodimethylamine	3.32	42	38011	36.020	ng		95
6) Aniline	7.76	93	40476	16.622	ng	#	85
8) 2-Chlorophenol	7.95	128	57913	38.859	ng		94
9) Benzaldehyde	7.58	77	38193	28.146	ng		99
10) Phenol	7.78	94	79201	35.834	ng	#	77
11) bis(2-Chloroethyl)ether	7.89	93	51930	33.211	ng		95
12) 1,3-Dichlorobenzene	8.19	146	66098	35.606	ng		99
13) 1,4-Dichlorobenzene	8.31	146	68460	36.198	ng		96
14) 1,2-Dichlorobenzene	8.55	146	65629	36.425	ng		96
15) Benzyl Alcohol	8.52	79	61601	33.939	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	66157	26.715	ng		92
17) 2-Methylphenol	8.72	107	47748	36.256	ng		97
18) Hexachloroethane	9.09	117	26677	33.157	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	44547	32.439	ng		98
20) 3+4-Methylphenols	8.97	107	63297	36.219	ng		95
22) Acetophenone	8.93	105	89973	33.807	ng	#	100
24) Nitrobenzene	9.20	77	71835	33.303	ng		97
25) Isophorone	9.59	82	118507	33.629	ng		97
26) 2-Nitrophenol	9.71	139	30584	39.763	ng		97
27) 2,4-Dimethylphenol	9.82	122	49171	43.465	ng		99
28) bis(2-Chloroethoxy)methane	9.96	93	66509	31.600	ng		98
29) 2,4-Dichlorophenol	10.11	162	52638	37.578	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	63730	36.988	ng		94
31) Naphthalene	10.35	128	172770	37.608	ng		99
32) Benzoic acid	10.01	122	26652	31.113	ng		92
33) 4-Chloroaniline	10.45	127	17521	9.326	ng		95
34) Hexachlorobutadiene	10.58	225	41646	34.654	ng		95
35) Caprolactam	11.03	113	16180	38.819	ng	#	86
36) 4-Chloro-3-methylphenol	11.28	107	57654	35.221	ng		98
37) 2-Methylnaphthalene	11.49	142	123115	38.818	ng		97
38) 1-Methylnaphthalene	11.65	142	116697	39.137	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	68462	35.928	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	69300	73.532	ng		99
43) 2,4,6-Trichlorophenol	11.96	196	42335	36.126	ng		96
44) 2,4,5-Trichlorophenol	12.02	196	45244	37.576	ng		97
46) 1,1'-Biphenyl	12.26	154	157580	36.539	ng		97
47) 2-Chloronaphthalene	12.27	162	123711	35.484	ng		97
48) 2-Nitroaniline	12.45	65	42943	30.760	ng		97
49) Acenaphthylene	12.95	152	187053	36.702	ng		100
50) Dimethylphthalate	12.78	163	176294	41.698	ng		99
51) 2,6-Dinitrotoluene	12.86	165	31045	36.163	ng		94
52) Acenaphthene	13.23	154	109818	35.763	ng		97
53) 3-Nitroaniline	13.12	138	12978	14.085	ng	#	91
54) 2,4-Dinitrophenol	13.30	184	24326	73.383	ng		90
55) Dibenzofuran	13.52	168	180504	37.518	ng		99
56) 4-Nitrophenol	13.45	139	43207	65.577	ng		96
57) 2,4-Dinitrotoluene	13.52	165	43100	36.122	ng	#	91
58) Fluorene	14.08	166	143069	37.179	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.73	232	38663m	37.401	ng		
60) Diethylphthalate	13.94	149	145514	33.369	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	75866	37.505	ng		98
62) 4-Nitroaniline	12.45	138	37106	34.775	ng		94
63) Azobenzene	14.36	77	148808	32.414	ng		93
65) 4,6-Dinitro-2-methylphenol	14.19	198	19634	43.329	ng		96
66) n-Nitrosodiphenylamine	14.30	169	121222	37.792	ng		97
67) 4-Bromophenyl-phenylether	14.90	248	45660	38.170	ng		96
68) Hexachlorobenzene	14.98	284	50400	37.009	ng		97
69) Atrazine	15.19	200	44839	38.917	ng		93
70) Pentachlorophenol	15.30	266	48932	70.066	ng		96
71) Phenanthrene	15.62	178	223722	38.756	ng		99
72) Anthracene	15.69	178	220248	38.543	ng		99
73) Carbazole	15.95	167	189018	37.101	ng		98
74) Di-n-butylphthalate	16.49	149	227056	32.476	ng		99
75) Fluoranthene	17.33	202	250584	38.822	ng		98
77) Benzidine	17.52	184	101335	44.252	ng		99
78) Pyrene	17.63	202	247983	40.608	ng		99
80) Butylbenzylphthalate	18.52	149	96229	33.800	ng		95
81) Benzo(a)anthracene	19.21	228	214077	37.353	ng		100
82) 3,3'-Dichlorobenzidine	19.18	252	53066	26.665	ng		98
83) Chrysene	19.26	228	207943	37.590	ng		99
84) Bis(2-ethylhexyl)phthalate	19.26	149	139657	33.429	ng		99
85) Di-n-octyl phthalate	20.04	149	228902	33.058	ng		99
86) Indeno(1,2,3-cd)pyrene	22.62	276	214374	35.882	ng		98
88) Benzo(b)fluoranthene	20.51	252	194799	36.031	ng		99
89) Benzo(k)fluoranthene	20.55	252	202198	39.261	ng		97
90) Benzo(a)pyrene	20.92	252	177770	36.094	ng		99
91) Dibenzo(a,h)anthracene	22.64	278	183106	38.024	ng		99
92) Benzo(g,h,i)perylene	23.10	276	174644	37.954	ng		99

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

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