Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001104.D
Acq On : 28 Nov 2019 03:05
Operator : JU
Sample : K6002-06MSD 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 29 11:45:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Instrument : BNA_P
ClientSampleId : MW-6MSD

Manual Integrations APPROVED
mohammad
11/29/2019 7:20:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	169781	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	642193	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	357207	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	645639	20.00	ng		0.00
76) Chrysene-d12	19.27	240	475974	20.00	ng		0.00
87) Perylene-d12	21.04	264	508270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	402239	39.31	ng		0.01
7) Phenol-d6	7.78	99	509624	37.38	ng		0.00
23) Nitrobenzene-d5	9.21	82	655997	44.32	ng		0.00
42) 2,4,6-Tribromophenol	14.52	330	248160	72.48	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1149199	47.09	ng		0.00
79) Terphenyl-d14	17.91	244	1277989	49.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	71324	14.921	ng		99
3) Pyridine	3.48	79	176786	13.328	ng		97
4) n-Nitrosodimethylamine	3.35	42	99639	17.360	ng		97
6) Aniline	7.80	93	321165	17.767	ng	#	82
8) 2-Chlorophenol	7.99	128	262423	24.785	ng		97
9) Benzaldehyde	7.62	77	533713	71.566	ng	#	1
10) Phenol	7.79	94	297085	19.157	ng		98
11) bis(2-Chloroethyl)ether	7.94	93	295725	24.489	ng		99
12) 1,3-Dichlorobenzene	8.23	146	275750	21.973	ng		99
13) 1,4-Dichlorobenzene	8.36	146	284173	22.479	ng		99
14) 1,2-Dichlorobenzene	8.59	146	267036	22.444	ng		99
15) Benzyl Alcohol	8.56	79	259758	23.211	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.79	45	429175	22.106	ng		64
17) 2-Methylphenol	8.75	107	281505	28.985	ng	#	93
18) Hexachloroethane	9.13	117	144820	27.692	ng	#	9
19) n-Nitroso-di-n-propylamine	8.99	70	236756	24.066	ng		97
20) 3+4-Methylphenols	9.00	107	354918	28.990	ng		94
22) Acetophenone	8.97	105	668809	35.434	ng	#	86
24) Nitrobenzene	9.24	77	376466	25.577	ng	#	90
25) Isophorone	9.64	82	641731	24.177	ng		98
26) 2-Nitrophenol	9.75	139	134895	25.021	ng		97
27) 2,4-Dimethylphenol	9.85	122	406279	47.575	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	394859	23.710	ng		99
29) 2,4-Dichlorophenol	10.15	162	236802	24.364	ng		97
30) 1,2,4-Trichlorobenzene	10.28	180	253010	22.287	ng		99
31) Naphthalene	10.40	128	3341385	101.877	ng		100
32) Benzoic acid	9.99	122	80090m	12.973	ng		
33) 4-Chloroaniline	10.49	127	161270	11.331	ng		98
34) Hexachlorobutadiene	10.62	225	157006	21.985	ng		97
35) Caprolactam	11.13	113	21633	6.458	ng		96
36) 4-Chloro-3-methylphenol	11.30	107	271266	23.540	ng		98
37) 2-Methylnaphthalene	11.53	142	1139166	50.901	ng		97
38) 1-Methylnaphthalene	11.69	142	857013	40.537	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.80	216	253302	22.501	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	274317	52.822	ng		96
43) 2,4,6-Trichlorophenol	11.99	196	175139	23.828	ng		98
44) 2,4,5-Trichlorophenol	12.05	196	186136	24.441	ng		97
46) 1,1'-Biphenyl	12.30	154	669217	24.242	ng		99
47) 2-Chloronaphthalene	12.32	162	510799	23.164	ng		99
48) 2-Nitroaniline	12.49	65	182404	21.106	ng		98
49) Acenaphthylene	12.99	152	799172	24.178	ng		99
50) Dimethylphthalate	12.82	163	877198	32.835	ng		99
51) 2,6-Dinitrotoluene	12.90	165	130230	22.772	ng		94
52) Acenaphthene	13.28	154	471330	23.705	ng		99
53) 3-Nitroaniline	13.16	138	57959	9.022	ng		99
54) 2,4-Dinitrophenol	13.33	184	100979	46.496	ng		91
55) Dibenzofuran	13.57	168	731762	24.492	ng		99
56) 4-Nitrophenol	13.45	139	121856	26.768	ng		97
57) 2,4-Dinitrotoluene	13.55	165	167701	23.395	ng		97
58) Fluorene	14.13	166	578399	24.159	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	149864	23.939	ng		99
60) Diethylphthalate	13.99	149	627729	22.693	ng		100
61) 4-Chlorophenyl-phenylether	14.15	204	289122	23.715	ng		97
62) 4-Nitroaniline	12.49	138	161271	21.652	ng		98
63) Azobenzene	14.41	77	702563	23.496	ng		99
65) 4,6-Dinitro-2-methylphenol	14.22	198	69177	27.992	ng		98
66) n-Nitrosodiphenylamine	14.34	169	486792	24.814	ng		99
67) 4-Bromophenyl-phenylether	14.95	248	169199	24.139	ng		94
68) Hexachlorobenzene	15.03	284	182144	23.636	ng		98
69) Atrazine	15.24	200	161710	26.998	ng		98
70) Pentachlorophenol	15.34	266	214584	53.427	ng		97
71) Phenanthrene	15.66	178	834656	24.590	ng		99
72) Anthracene	15.74	178	849828	25.401	ng		100
73) Carbazole	15.99	167	736652	24.197	ng		99
74) Di-n-butylphthalate	16.54	149	1041956	25.456	ng		100
75) Fluoranthene	17.37	202	880212	24.495	ng		100
77) Benzidine	17.60	184	553	0.045	ng	#	1
78) Pyrene	17.67	202	877534	23.408	ng		99
80) Butylbenzylphthalate	18.56	149	431954	24.946	ng		99
81) Benzo(a)anthracene	19.26	228	777516	23.560	ng		99
82) 3,3'-Dichlorobenzidine	19.22	252	89897	8.246	ng		98
83) Chrysene	19.30	228	723296	24.476	ng		99
84) Bis(2-ethylhexyl)phthalate	19.32	149	647294	27.190	ng		98
85) Di-n-octyl phthalate	20.09	149	1135589	26.852	ng		100
86) Indeno(1,2,3-cd)pyrene	22.69	276	816793	23.453	ng		99
88) Benzo(b)fluoranthene	20.56	252	769642	24.791	ng		100
89) Benzo(k)fluoranthene	20.59	252	697146	23.315	ng		99
90) Benzo(a)pyrene	20.97	252	669186	23.402	ng		99
91) Dibenzo(a,h)anthracene	22.72	278	697846	24.937	ng		98
92) Benzo(g,h,i)perylene	23.19	276	692488	25.061	ng		98

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

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