Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116435.D
Acq On : 20 Aug 2019 15:50
Operator : HP/JU
Sample : K4350-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MSD

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:20 PM

Quant Time: Aug 20 18:55:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105172	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	414473	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	228352	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	418468	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	322082	20.00	ng		-0.01
87) Perylene-d12	15.42	264	333623	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	719858	114.58	ng		0.00
7) Phenol-d6	6.46	99	893493	112.72	ng		0.00
23) Nitrobenzene-d5	7.37	82	631878	88.00	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	262301	118.48	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1042968	85.55	ng		-0.01
79) Terphenyl-d14	12.90	244	1260795	82.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	104004	32.769	ng		98
3) Pyridine	3.26	79	275526	31.077	ng		99
4) n-Nitrosodimethylamine	3.19	42	117992	33.724	ng		99
6) Aniline	6.47	93	299041	26.344	ng	#	65
8) 2-Chlorophenol	6.60	128	294933	42.454	ng		99
9) Benzaldehyde	6.36	77	128231	23.446	ng		98
10) Phenol	6.47	94	390497	41.835	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	279836	40.777	ng		98
12) 1,3-Dichlorobenzene	6.75	146	308505	38.425	ng		98
13) 1,4-Dichlorobenzene	6.82	146	320715	39.895	ng		98
14) 1,2-Dichlorobenzene	6.97	146	295318	39.896	ng		99
15) Benzyl Alcohol	6.96	79	238738	39.688	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	360847	38.550	ng		58
17) 2-Methylphenol	7.07	107	242644	41.249	ng	#	89
18) Hexachloroethane	7.31	117	115178	38.915	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	208092	42.366	ng		99
20) 3+4-Methylphenols	7.23	107	331040	47.555	ng	#	79
22) Acetophenone	7.22	105	411872	45.311	ng	#	93
24) Nitrobenzene	7.39	77	325861	42.030	ng		98
25) Isophorone	7.63	82	592388	43.146	ng		99
26) 2-Nitrophenol	7.71	139	163253	44.670	ng		95
27) 2,4-Dimethylphenol	7.75	122	265254	48.242	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	360047	42.308	ng		100
29) 2,4-Dichlorophenol	7.96	162	260531	44.876	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	268764	40.612	ng		99
31) Naphthalene	8.10	128	847765	43.466	ng		99
32) Benzoic acid	7.91	122	121113	31.242	ng		93
33) 4-Chloroaniline	8.17	127	155102	17.798	ng		97
34) Hexachlorobutadiene	8.22	225	151810	39.826	ng		99
35) Caprolactam	8.53	113	84935m	45.234	ng		
36) 4-Chloro-3-methylphenol	8.66	107	274746	45.490	ng		99
37) 2-Methylnaphthalene	8.80	142	564806	43.970	ng		99
38) 1-Methylnaphthalene	8.90	142	532799	43.844	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	262061	42.927	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	73214	30.659	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	161129	38.346	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	166893	38.423	ng		97
46) 1,1'-Biphenyl	9.26	154	702432	43.571	ng		98
47) 2-Chloronaphthalene	9.29	162	553757	41.270	ng		99
48) 2-Nitroaniline	9.39	65	181413	40.904	ng		98
49) Acenaphthylene	9.70	152	839786	42.900	ng		98
50) Dimethylphthalate	9.56	163	743366	47.810	ng		100
51) 2,6-Dinitrotoluene	9.63	165	146553	43.373	ng	#	83
52) Acenaphthene	9.87	154	508964	42.381	ng		100
53) 3-Nitroaniline	9.80	138	102707	24.600	ng		97
54) 2,4-Dinitrophenol	9.93	184	95423	57.915	ng		96
55) Dibenzofuran	10.05	168	730840	41.847	ng		100
56) 4-Nitrophenol	9.99	139	150360	56.219	ng		94
57) 2,4-Dinitrotoluene	10.05	165	186425	41.439	ng		94
58) Fluorene	10.39	166	615072	45.775	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	155266	42.488	ng		96
60) Diethylphthalate	10.26	149	652647	44.960	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	305624	44.911	ng		97
62) 4-Nitroaniline	10.42	138	159888	37.057	ng		99
63) Azobenzene	10.53	77	664625	44.514	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	90389	40.760	ng		99
66) n-Nitrosodiphenylamine	10.50	169	543977	43.188	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	189694	42.345	ng		97
68) Hexachlorobenzene	10.94	284	209751	40.492	ng		98
69) Atrazine	11.02	200	177938	42.942	ng		98
70) Pentachlorophenol	11.15	266	140649	55.926	ng		98
71) Phenanthrene	11.35	178	936118	43.758	ng		100
72) Anthracene	11.40	178	959658	44.325	ng		99
73) Carbazole	11.56	167	884436	45.027	ng		99
74) Di-n-butylphthalate	11.87	149	1085963	47.393	ng		99
75) Fluoranthene	12.54	202	1044443	46.635	ng		98
77) Benzidine	12.66	184	465711	42.799	ng		98
78) Pyrene	12.77	202	1070002	44.071	ng		100
80) Butylbenzylphthalate	13.37	149	488981	47.612	ng		97
81) Benzo(a)anthracene	13.96	228	905613	43.991	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	218465	30.546	ng		99
83) Chrysene	13.99	228	869359	43.498	ng		100
84) Bis(2-ethylhexyl)phthalate	13.93	149	710155	53.211	ng	#	98
85) Di-n-octyl phthalate	14.53	149	1160145	54.728	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	854294	50.893	ng		99
88) Benzo(b)fluoranthene	15.00	252	837427	43.411	ng		100
89) Benzo(k)fluoranthene	15.03	252	758342	40.361	ng		98
90) Benzo(a)pyrene	15.36	252	766354	44.441	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	708687	47.478	ng		99
92) Benzo(g,h,i)perylene	17.32	276	722820	49.307	ng		98

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

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