Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111817.D
Acq On : 3 Jan 2019 13:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/4/2019 9:56:31 AM

Quant Time: Jan 03 14:00:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	273264	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1023541	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	526002	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	989959	20.00	ng		0.01
76) Chrysene-d12	14.07	240	777018	20.00	ng		0.02
87) Perylene-d12	15.55	264	614519	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1176343	73.38	ng		0.02
7) Phenol-d6	6.55	99	1508766	73.95	ng		0.02
23) Nitrobenzene-d5	7.47	82	1416529	80.56	ng		0.01
42) 2,4,6-Tribromophenol	10.73	330	510776	82.18	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	2565579	71.09	ng		0.00
79) Terphenyl-d14	13.01	244	2884184	70.39	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	260010	34.472	ng		95
3) Pyridine	3.46	79	646025	32.875	ng		98
4) n-Nitrosodimethylamine	3.41	42	306658m	31.887	ng		
6) Aniline	6.57	93	932061	35.839	ng		99
8) 2-Chlorophenol	6.70	128	671662	37.821	ng		95
9) Benzaldehyde	6.45	77	466997	33.281	ng		98
10) Phenol	6.56	94	826919	35.921	ng	#	75
11) bis(2-Chloroethyl)ether	6.63	93	662774	38.421	ng		96
12) 1,3-Dichlorobenzene	6.85	146	781430	37.969	ng		99
13) 1,4-Dichlorobenzene	6.92	146	790268	37.862	ng		97
14) 1,2-Dichlorobenzene	7.07	146	736393	37.815	ng		99
15) Benzyl Alcohol	7.05	79	598025	36.907	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1116795	35.152	ng		87
17) 2-Methylphenol	7.16	107	525687	36.968	ng		93
18) Hexachloroethane	7.42	117	274038	38.961	ng	#	89
19) n-Nitroso-di-n-propylamine	7.32	70	481762	35.555	ng		97
20) 3+4-Methylphenols	7.32	107	647726	36.049	ng	#	88
22) Acetophenone	7.31	105	921792	35.549	ng	#	93
24) Nitrobenzene	7.49	77	722066	39.179	ng		95
25) Isophorone	7.72	82	1137241	36.430	ng		99
26) 2-Nitrophenol	7.80	139	367909	49.221	ng		95
27) 2,4-Dimethylphenol	7.84	122	529950	35.967	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	792756	38.162	ng		97
29) 2,4-Dichlorophenol	8.05	162	597684	37.713	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	659563	37.347	ng		98
31) Naphthalene	8.21	128	1811898	36.842	ng		98
32) Benzoic acid	7.96	122	307800	31.595	ng		97
33) 4-Chloroaniline	8.25	127	801769	37.719	ng		100
34) Hexachlorobutadiene	8.33	225	407608	37.869	ng		99
35) Caprolactam	8.63	113	203011	37.803	ng		90
36) 4-Chloro-3-methylphenol	8.74	107	583106	37.430	ng		99
37) 2-Methylnaphthalene	8.90	142	1202031	37.568	ng		99
38) 1-Methylnaphthalene	9.00	142	1158127	37.687	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	651336	37.684	ng	#	97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	391346	46.658	ng		99
43) 2,4,6-Trichlorophenol	9.18	196	437041	37.872	ng		98
44) 2,4,5-Trichlorophenol	9.22	196	459753	38.835	ng		93
46) 1,1'-Biphenyl	9.36	154	1639551	36.925	ng		95
47) 2-Chloronaphthalene	9.39	162	1285474	36.540	ng		96
48) 2-Nitroaniline	9.48	65	402273	43.955	ng		94
49) Acenaphthylene	9.80	152	1889050	36.777	ng		96
50) Dimethylphthalate	9.66	163	1456941	37.877	ng		99
51) 2,6-Dinitrotoluene	9.72	165	336274	43.843	ng		97
52) Acenaphthene	9.97	154	1202172	37.948	ng		98
53) 3-Nitroaniline	9.89	138	365883	44.730	ng		94
54) 2,4-Dinitrophenol	9.99	184	140031	59.001	ng		90
55) Dibenzofuran	10.15	168	1764992	36.877	ng		92
56) 4-Nitrophenol	10.06	139	268702	43.044	ng		96
57) 2,4-Dinitrotoluene	10.12	165	440081	47.741	ng	#	98
58) Fluorene	10.49	166	1279149	37.089	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	391603	39.305	ng	#	87
60) Diethylphthalate	10.36	149	1399791	37.099	ng		98
61) 4-Chlorophenyl-phenylether	10.48	204	724713	38.034	ng		89
62) 4-Nitroaniline	10.50	138	357663	44.988	ng		94
63) Azobenzene	10.64	77	1390518	36.709	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	220765	53.127	ng		87
66) n-Nitrosodiphenylamine	10.60	169	1227287	36.932	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	476655	38.820	ng		92
68) Hexachlorobenzene	11.05	284	532164	38.871	ng	#	91
69) Atrazine	11.12	200	432809	37.490	ng		97
70) Pentachlorophenol	11.24	266	305422	36.086	ng		95
71) Phenanthrene	11.45	178	1921013	36.590	ng		96
72) Anthracene	11.50	178	1941354	36.840	ng		97
73) Carbazole	11.66	167	1872617	36.602	ng		97
74) Di-n-butylphthalate	11.98	149	2127879	37.095	ng		97
75) Fluoranthene	12.64	202	1937992	36.452	ng		98
77) Benzidine	12.76	184	984732	33.679	ng		99
78) Pyrene	12.87	202	1992991	36.321	ng		98
80) Butylbenzylphthalate	13.48	149	855250	38.237	ng		89
81) Benzo(a)anthracene	14.06	228	1675200	37.777	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	649830	37.089	ng	#	98
83) Chrysene	14.10	228	1570514	36.035	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1155779	41.023	ng	#	100
85) Di-n-octyl phthalate	14.65	149	1660663	38.044	ng		95
86) Indeno(1,2,3-cd)pyrene	17.06	276	1281737	34.594	ng	#	89
88) Benzo(b)fluoranthene	15.12	252	1323190	36.842	ng	#	96
89) Benzo(k)fluoranthene	15.14	252	1336771	39.096	ng	#	97
90) Benzo(a)pyrene	15.49	252	1230464	37.711	ng	#	95
91) Dibenzo(a,h)anthracene	17.07	278	1067362	37.356	ng	#	93
92) Benzo(g,h,i)perylene	17.51	276	1055942	37.847	ng	#	89

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

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