Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106631.D
Acq On : 20 Jun 2018 20:34
Operator : JU/SJ
Sample : J3529-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 21 03:12:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Manual Integrations APPROVED
Sohil
6/21/2018 11:28:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102057	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	431881	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	216109	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	407838	20.00	ng		0.00
75) Chrysene-d12	14.15	240	272246	20.00	ng		0.00
86) Perylene-d12	15.68	264	281067	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	399142	66.23	ng		0.01
7) Phenol-d6	6.62	99	326248	43.35	ng		0.01
23) Nitrobenzene-d5	7.53	82	653514	84.09	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	334647	133.60	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1087039	85.17	ng		0.00
78) Terphenyl-d14	13.08	244	1168444	103.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	50891	16.424	ng		97
3) Pyridine	3.65	79	138245	16.451	ng		97
4) n-Nitrosodimethylamine	3.57	42	64688	18.124	ng		83
6) Aniline	6.63	93	262043	25.666	ng	#	1
8) 2-Chlorophenol	6.76	128	242402	36.669	ng		98
9) Benzaldehyde	6.51	77	115951	19.725	ng		98
10) Phenol	6.63	94	661520	77.014	ng		88
11) bis(2-Chloroethyl)ether	6.70	93	319513	45.058	ng		98
12) 1,3-Dichlorobenzene	6.90	146	312825	40.404	ng		98
13) 1,4-Dichlorobenzene	6.98	146	311189	39.755	ng		99
14) 1,2-Dichlorobenzene	7.14	146	292386	40.758	ng		97
15) Benzyl Alcohol	7.11	79	168976	27.960	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	428915	46.100	ng	#	42
17) 2-Methylphenol	7.24	107	187813	33.199	ng	#	85
18) Hexachloroethane	7.47	117	110565	40.167	ng	#	88
19) n-Nitroso-di-n-propylamine	7.38	70	210092	42.346	ng		94
20) 3+4-Methylphenols	7.38	107	279576	46.095	ng		95
22) Acetophenone	7.37	105	411433	42.581	ng		99
24) Nitrobenzene	7.55	77	329565	41.537	ng		98
25) Isophorone	7.79	82	619201	45.216	ng		98
26) 2-Nitrophenol	7.86	139	165975	44.313	ng		96
27) 2,4-Dimethylphenol	7.91	122	261815	45.224	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	378266	41.140	ng	#	66
29) 2,4-Dichlorophenol	8.12	162	256698	42.353	ng		90
30) 1,2,4-Trichlorobenzene	8.18	180	286150	42.857	ng		99
31) Naphthalene	8.27	128	766663	37.969	ng		99
32) Benzoic acid	8.10	122	284365m	65.197	ng		
33) 4-Chloroaniline	8.32	127	185362	21.878	ng		99
34) Hexachlorobutadiene	8.38	225	184163	42.330	ng		99
35) Caprolactam	8.72	113	1913	0.968	ng	#	1
36) 4-Chloro-3-methylphenol	8.81	107	269935	42.312	ng		98
37) 2-Methylnaphthalene	8.96	142	618661	46.225	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	320746	44.071	ng		97
40) Hexachlorocyclopentadiene	9.11	237	289725	77.375	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	203297	42.023	ng		92
43) 2,4,5-Trichlorophenol	9.30	196	211026	41.804	ng		88
45) 1,1'-Biphenyl	9.42	154	731513	42.473	ng		98
46) 2-Chloronaphthalene	9.45	162	550241	40.588	ng		96
47) 2-Nitroaniline	9.56	65	185995	40.800	ng		99
48) Acenaphthylene	9.87	152	855892	39.988	ng		97
49) Dimethylphthalate	9.73	163	752389	46.420	ng		97
50) 2,6-Dinitrotoluene	9.80	165	161300	46.996	ng		94
51) Acenaphthene	10.04	154	531487	39.434	ng		98
52) 3-Nitroaniline	9.97	138	86426	21.883	ng		98
53) 2,4-Dinitrophenol	10.08	184	166917	92.632	ng	#	19
54) Dibenzofuran	10.22	168	809108	43.841	ng		96
55) 4-Nitrophenol	10.17	139	76638	27.799	ng		91
56) 2,4-Dinitrotoluene	10.20	165	207219	46.255	ng	#	91
57) Fluorene	10.56	166	633946	43.287	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	202847	50.551	ng	#	78
59) Diethylphthalate	10.42	149	635707	40.636	ng	#	93
60) 4-Chlorophenyl-phenylether	10.55	204	331386	43.246	ng	#	85
61) 4-Nitroaniline	10.59	138	114443	29.197	ng		99
62) Azobenzene	10.71	77	624034	40.508	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	124346	49.323	ng	#	71
65) n-Nitrosodiphenylamine	10.67	169	557515	40.642	ng		97
66) 4-Bromophenyl-phenylether	11.04	248	236931	48.678	ng	#	83
67) Hexachlorobenzene	11.11	284	254018	49.863	ng	#	83
68) Atrazine	11.23	200	105972	24.300	ng		95
69) Pentachlorophenol	11.31	266	243248	95.696	ng		99
70) Phenanthrene	11.53	178	898145	45.659	ng		98
71) Anthracene	11.58	178	914414	45.543	ng		98
72) Carbazole	11.74	167	736105	39.159	ng		97
73) Di-n-butylphthalate	12.05	149	915487	41.339	ng		99
74) Fluoranthene	12.72	202	877813	40.487	ng		96
76) Benzidine	12.75	184	937	0.121	ng	#	1
77) Pyrene	12.95	202	849289	47.307	ng		99
79) Butylbenzylphthalate	13.56	149	322065	43.633	ng	#	91
80) Benzo(a)anthracene	14.14	228	758299	45.701	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	541	0.093	ng	#	75
82) Chrysene	14.18	228	702937	46.049	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	473218	50.146	ng		97
84) Di-n-octyl phthalate	14.74	149	739076	48.047	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	746718	57.642	ng	#	90
87) Benzo(b)fluoranthene	15.24	252	768448	44.013	ng	#	95
88) Benzo(k)fluoranthene	15.27	252	699790	42.088	ng	#	96
89) Benzo(a)pyrene	15.62	252	717243	46.210	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	615176	46.767	ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	608105	47.297	ng	#	90

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

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