Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108425.D
Acq On : 23 Aug 2018 17:07
Operator : JU/SJ
Sample : J4535-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Manual Integrations APPROVED
Sohil
8/24/2018 12:14:00 PM

Quant Time: Aug 23 19:16:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135815	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	519775	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	264800	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	540930	20.00	ng		0.00
75) Chrysene-d12	14.19	240	375317	20.00	ng		0.00
86) Perylene-d12	15.75	264	292715	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	830667	110.73	ng		0.00
7) Phenol-d6	6.62	99	1114759	111.83	ng		0.00
23) Nitrobenzene-d5	7.57	82	744866	79.97	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	348994	132.13	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1259949	76.39	ng		0.00
78) Terphenyl-d14	13.13	244	1428331	96.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	117280	30.426	ng		90
3) Pyridine	3.72	79	327018	32.934	ng	#	84
4) n-Nitrosodimethylamine	3.68	42	186977	33.465	ng		84
6) Aniline	6.67	93	406158	29.953	ng		96
8) 2-Chlorophenol	6.79	128	331171	39.197	ng		99
9) Benzaldehyde	6.55	77	160336	20.745	ng		97
10) Phenol	6.64	94	427049	41.415	ng		96
11) bis(2-Chloroethyl)ether	6.73	93	318290	38.181	ng		91
12) 1,3-Dichlorobenzene	6.94	146	367796	37.648	ng		99
13) 1,4-Dichlorobenzene	7.02	146	369992	37.695	ng		97
14) 1,2-Dichlorobenzene	7.17	146	345790	37.875	ng		99
15) Benzyl Alcohol	7.14	79	309505	36.880	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	608365	35.424	ng		99
17) 2-Methylphenol	7.24	107	286610	39.557	ng		94
18) Hexachloroethane	7.51	117	132938	38.043	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	248556	36.871	ng		90
20) 3+4-Methylphenols	7.40	107	352595	37.975	ng	#	89
22) Acetophenone	7.41	105	475542	39.127	ng	#	93
24) Nitrobenzene	7.58	77	374973	39.810	ng		96
25) Isophorone	7.82	82	682154	38.422	ng		97
26) 2-Nitrophenol	7.90	139	170012	47.795	ng	#	87
27) 2,4-Dimethylphenol	7.92	122	302801	38.427	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	409495	39.509	ng		99
29) 2,4-Dichlorophenol	8.14	162	300584	41.451	ng		100
30) 1,2,4-Trichlorobenzene	8.22	180	312217	39.051	ng		96
31) Naphthalene	8.31	128	959335	40.584	ng		100
32) Benzoic acid	8.00	122	25993	10.951	ng		94
33) 4-Chloroaniline	8.35	127	255142	24.768	ng		97
34) Hexachlorobutadiene	8.41	225	199011	39.320	ng		97
35) Caprolactam	8.72	113	87541m	38.523	ng		
36) 4-Chloro-3-methylphenol	8.83	107	317294	40.560	ng		98
37) 2-Methylnaphthalene	9.00	142	663394	39.666	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	337061	41.450	ng		98
40) Hexachlorocyclopentadiene	9.15	237	303522	57.788	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	225299	44.648	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	239774	43.164	ng	#	94
45) 1,1'-Biphenyl	9.46	154	816570	41.825	ng		99
46) 2-Chloronaphthalene	9.49	162	631012	40.893	ng		99
47) 2-Nitroaniline	9.58	65	219031	43.869	ng		84
48) Acenaphthylene	9.91	152	1003980	41.155	ng		99
49) Dimethylphthalate	9.76	163	875902	47.486	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	170382	44.150	ng		89
51) Acenaphthene	10.08	154	595575	39.860	ng		98
52) 3-Nitroaniline	10.00	138	142565	33.764	ng		97
53) 2,4-Dinitrophenol	10.11	184	81870	58.732	ng	#	24
54) Dibenzofuran	10.25	168	885329	40.898	ng		97
55) 4-Nitrophenol	10.16	139	250306	78.284	ng		84
56) 2,4-Dinitrotoluene	10.24	165	226549	45.606	ng	#	94
57) Fluorene	10.60	166	705779	41.186	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	209582	45.140	ng	#	85
59) Diethylphthalate	10.46	149	746434	41.790	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	361933	40.533	ng		94
61) 4-Nitroaniline	10.62	138	180568	43.254	ng		93
62) Azobenzene	10.75	77	734512	39.820	ng		92
64) 4,6-Dinitro-2-methylphenol	10.64	198	83638	41.945	ng		92
65) n-Nitrosodiphenylamine	10.71	169	648023	40.540	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	234327	39.862	ng	#	86
67) Hexachlorobenzene	11.15	284	243409	39.354	ng	#	87
68) Atrazine	11.23	200	219774	40.992	ng		96
69) Pentachlorophenol	11.34	266	241833	81.688	ng		97
70) Phenanthrene	11.57	178	1030484	40.389	ng		99
71) Anthracene	11.62	178	1069226	40.889	ng		100
72) Carbazole	11.77	167	936833	40.323	ng		99
73) Di-n-butylphthalate	12.09	149	1124257	42.721	ng		99
74) Fluoranthene	12.77	202	1115949	40.077	ng		94
76) Benzidine	12.88	184	220129	15.698	ng		98
77) Pyrene	13.00	202	1100038	46.295	ng		100
79) Butylbenzylphthalate	13.59	149	440203	46.655	ng		99
80) Benzo(a)anthracene	14.19	228	870156	40.398	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	205354	26.603	ng	#	95
82) Chrysene	14.22	228	787779	39.893	ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	560016	43.830	ng		98
84) Di-n-octyl phthalate	14.77	149	799455	41.026	ng		96
85) Indeno(1,2,3-cd)pyrene	17.37	276	723206	42.268	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	653882m	37.384	ng		
88) Benzo(k)fluoranthene	15.31	252	636859	39.610	ng	#	96
89) Benzo(a)pyrene	15.68	252	621652	39.690	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	612617	47.272	ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	601131	47.107	ng	#	90

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

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