Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107632.D
Acq On : 24 Jul 2018 21:13
Operator : JU/SJ
Sample : J4098-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GL-TOPSOIL-03MSD

Manual Integrations APPROVED
Sohil
7/25/2018 12:58:38 PM

Quant Time: Jul 25 04:23:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	243662	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	899860	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	359247	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	609118	20.00	ng		0.00
75) Chrysene-d12	14.16	240	415467	20.00	ng		0.00
86) Perylene-d12	15.69	264	353753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1638744	108.13	ng		0.00
7) Phenol-d6	6.62	99	1876993	103.15	ng		0.00
23) Nitrobenzene-d5	7.54	82	1192526	89.44	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	430326	105.34	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1818620	87.36	ng		0.00
78) Terphenyl-d14	13.09	244	1459909	89.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	190525	27.010	ng		87
3) Pyridine	3.67	79	510977	26.628	ng		86
4) n-Nitrosodimethylamine	3.62	42	254794	31.482	ng		92
6) Aniline	6.65	93	461863	19.679	ng	#	74
8) 2-Chlorophenol	6.77	128	576631	35.515	ng		98
9) Benzaldehyde	6.52	77	199894	14.880	ng		96
10) Phenol	6.63	94	669599	31.288	ng		89
11) bis(2-Chloroethyl)ether	6.71	93	569719	32.110	ng		93
12) 1,3-Dichlorobenzene	6.91	146	604104	32.816	ng		99
13) 1,4-Dichlorobenzene	6.99	146	645962	34.237	ng		99
14) 1,2-Dichlorobenzene	7.14	146	572792	33.829	ng		99
15) Benzyl Alcohol	7.11	79	459962	37.088	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	915410	30.582	ng		70
17) 2-Methylphenol	7.23	107	467328	33.865	ng	#	87
18) Hexachloroethane	7.48	117	167896	25.371	ng		100
19) n-Nitroso-di-n-propylamine	7.38	70	383185	32.596	ng		94
20) 3+4-Methylphenols	7.38	107	591433	36.093	ng	#	59
22) Acetophenone	7.38	105	817201	38.669	ng	#	89
24) Nitrobenzene	7.56	77	570884	37.381	ng		95
25) Isophorone	7.79	82	1051917	36.949	ng		98
26) 2-Nitrophenol	7.87	139	275045	42.648	ng		97
27) 2,4-Dimethylphenol	7.91	122	507557	41.577	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	688909	36.209	ng		98
29) 2,4-Dichlorophenol	8.12	162	469920	37.661	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	485490	34.643	ng		98
31) Naphthalene	8.28	128	1574827	39.798	ng		99
32) Benzoic acid	7.98	122	16157m	9.484	ng		
33) 4-Chloroaniline	8.33	127	352589	20.386	ng		97
34) Hexachlorobutadiene	8.38	225	283409	34.033	ng		99
35) Caprolactam	8.70	113	130859	32.244	ng	#	74
36) 4-Chloro-3-methylphenol	8.81	107	474084	34.204	ng		99
37) 2-Methylnaphthalene	8.97	142	1009817	36.827	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	469744	39.203	ng	#	98
40) Hexachlorocyclopentadiene	9.11	237	59747	9.809	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	297423	38.779	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	315709	39.385	ng		95
45) 1,1'-Biphenyl	9.43	154	1193191	38.128	ng		99
46) 2-Chloronaphthalene	9.46	162	876458	36.640	ng		99
47) 2-Nitroaniline	9.56	65	327611	46.978	ng		88
48) Acenaphthylene	9.88	152	1407086	39.158	ng		99
49) Dimethylphthalate	9.72	163	1290450	47.662	ng		98
50) 2,6-Dinitrotoluene	9.80	165	207249	38.554	ng		93
51) Acenaphthene	10.05	154	794122	35.272	ng		100
52) 3-Nitroaniline	9.98	138	237790	36.362	ng		95
53) 2,4-Dinitrophenol	10.10	184	2777	9.786	ng	#	35
54) Dibenzofuran	10.22	168	1189781	35.896	ng		98
55) 4-Nitrophenol	10.15	139	285576	58.326	ng		98
56) 2,4-Dinitrotoluene	10.20	165	251937	38.827	ng		95
57) Fluorene	10.57	166	912533	38.590	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	247664	37.124	ng	#	85
59) Diethylphthalate	10.42	149	1029891	36.422	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	450028	33.664	ng		90
61) 4-Nitroaniline	10.60	138	249809	45.466	ng		96
62) Azobenzene	10.71	77	850095	32.061	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	10003	11.467	ng	#	52
65) n-Nitrosodiphenylamine	10.67	169	821108	39.692	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	263871	36.800	ng		90
67) Hexachlorobenzene	11.11	284	276678	35.069	ng	#	86
68) Atrazine	11.19	200	228563	36.187	ng		94
69) Pentachlorophenol	11.31	266	226922	46.048	ng		98
70) Phenanthrene	11.53	178	1223563	41.222	ng		99
71) Anthracene	11.58	178	1210977	40.520	ng		99
72) Carbazole	11.74	167	1106295	35.598	ng		99
73) Di-n-butylphthalate	12.05	149	1332399	40.438	ng		100
74) Fluoranthene	12.72	202	1394610	43.785	ng		97
76) Benzidine	12.86	184	35096	2.933	ng	#	62
77) Pyrene	12.96	202	1366455	48.083	ng		98
79) Butylbenzylphthalate	13.56	149	506996	41.484	ng		92
80) Benzo(a)anthracene	14.15	228	1020540	41.916	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	188281	22.506	ng		97
82) Chrysene	14.19	228	991207	42.381	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	683754	39.651	ng		98
84) Di-n-octyl phthalate	14.74	149	1092037	40.741	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	708053	35.721	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	886380	45.783	ng		98
88) Benzo(k)fluoranthene	15.27	252	723837	38.161	ng		98
89) Benzo(a)pyrene	15.63	252	769344	43.442	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	571952	37.361	ng		97
91) Benzo(g,h,i)perylene	17.77	276	581167	38.487	ng	#	94

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

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