Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107631.D
Acq On : 24 Jul 2018 20:46
Operator : JU/SJ
Sample : J4098-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GL-TOPSOIL-03MS

Manual Integrations APPROVED
Sohil
7/25/2018 12:58:36 PM

Quant Time: Jul 25 04:15:25 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	258665	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	929214	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	350820	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	623580	20.00	ng		0.00
75) Chrysene-d12	14.16	240	426095	20.00	ng		0.00
86) Perylene-d12	15.69	264	354560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1774743	110.31	ng		0.00
7) Phenol-d6	6.62	99	2046231	105.93	ng		0.00
23) Nitrobenzene-d5	7.54	82	1302047	94.57	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	475581	119.21	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1942428	99.21	ng		0.00
78) Terphenyl-d14	13.09	244	1612247	96.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	201280	26.880	ng	#	86
3) Pyridine	3.67	79	540448	26.530	ng		86
4) n-Nitrosodimethylamine	3.63	42	255680	29.759	ng		93
6) Aniline	6.67	93	424372	17.033	ng		98
8) 2-Chlorophenol	6.77	128	577152	33.485	ng		98
9) Benzaldehyde	6.52	77	200579	13.898	ng		94
10) Phenol	6.63	94	681875	30.014	ng		91
11) bis(2-Chloroethyl)ether	6.71	93	573147	30.429	ng		93
12) 1,3-Dichlorobenzene	6.91	146	625780	32.022	ng		97
13) 1,4-Dichlorobenzene	6.99	146	649879	32.446	ng		99
14) 1,2-Dichlorobenzene	7.14	146	575945	32.042	ng		100
15) Benzyl Alcohol	7.11	79	502506	38.168	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	926524	29.158	ng		69
17) 2-Methylphenol	7.22	107	475421	32.453	ng	#	92
18) Hexachloroethane	7.48	117	164606	23.431	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	387853	31.079	ng		96
20) 3+4-Methylphenols	7.38	107	571615	32.860	ng	#	58
22) Acetophenone	7.38	105	811592	37.190	ng	#	89
24) Nitrobenzene	7.56	77	581308	36.861	ng		95
25) Isophorone	7.79	82	1043420	35.492	ng		98
26) 2-Nitrophenol	7.87	139	272345	40.895	ng		100
27) 2,4-Dimethylphenol	7.91	122	492247	39.049	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	686583	34.946	ng		99
29) 2,4-Dichlorophenol	8.11	162	458391	35.577	ng		100
30) 1,2,4-Trichlorobenzene	8.19	180	482398	33.334	ng		98
31) Naphthalene	8.28	128	1538595	37.654	ng		99
32) Benzoic acid	8.04	122	13451m	9.177	ng		
33) 4-Chloroaniline	8.34	127	278225	15.578	ng		97
34) Hexachlorobutadiene	8.38	225	278786	32.421	ng		100
35) Caprolactam	8.70	113	129997	31.019	ng	#	82
36) 4-Chloro-3-methylphenol	8.81	107	455726	31.841	ng		97
37) 2-Methylnaphthalene	8.97	142	998252	35.255	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	454135	38.811	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	26787	4.503	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	282992	37.784	ng		100
43) 2,4,5-Trichlorophenol	9.30	196	300263	38.358	ng		96
45) 1,1'-Biphenyl	9.43	154	1161156	37.995	ng		99
46) 2-Chloronaphthalene	9.46	162	854990	36.601	ng		98
47) 2-Nitroaniline	9.56	65	314969	46.250	ng		87
48) Acenaphthylene	9.88	152	1349066	38.445	ng		99
49) Dimethylphthalate	9.72	163	1227644	46.431	ng		99
50) 2,6-Dinitrotoluene	9.80	165	194773	37.104	ng		92
51) Acenaphthene	10.05	154	758417	34.495	ng		99
52) 3-Nitroaniline	9.97	138	208893	32.710	ng		98
53) 2,4-Dinitrophenol	10.11	184	1718	9.238	ng	#	1
54) Dibenzofuran	10.22	168	1127336	34.829	ng		98
55) 4-Nitrophenol	10.14	139	281932	58.965	ng		94
56) 2,4-Dinitrotoluene	10.20	165	231769	36.577	ng		94
57) Fluorene	10.57	166	868541	37.612	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	233247	35.802	ng	#	87
59) Diethylphthalate	10.42	149	978344	35.430	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	436042	33.402	ng		93
61) 4-Nitroaniline	10.60	138	228421	42.572	ng		92
62) Azobenzene	10.71	77	831275	32.104	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	5110	10.071	ng	#	8
65) n-Nitrosodiphenylamine	10.67	169	772855	36.493	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	251258	34.229	ng	#	89
67) Hexachlorobenzene	11.11	284	263254	32.594	ng	#	87
68) Atrazine	11.20	200	222211	34.365	ng		95
69) Pentachlorophenol	11.31	266	243427	48.252	ng		99
70) Phenanthrene	11.53	178	1185693	39.019	ng		99
71) Anthracene	11.58	178	1190285	38.904	ng		100
72) Carbazole	11.74	167	1114631	35.034	ng		99
73) Di-n-butylphthalate	12.05	149	1285996	37.354	ng		99
74) Fluoranthene	12.72	202	1482908	45.477	ng		97
77) Pyrene	12.96	202	1438929	49.371	ng		99
79) Butylbenzylphthalate	13.56	149	511792	40.832	ng		93
80) Benzo(a)anthracene	14.15	228	1089849	43.646	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	139053	15.221	ng		99
82) Chrysene	14.19	228	1076421	44.877	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	707186	39.987	ng		98
84) Di-n-octyl phthalate	14.73	149	1090287	39.662	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	789212	38.822	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	958838	49.413	ng		98
88) Benzo(k)fluoranthene	15.27	252	724785	38.124	ng		99
89) Benzo(a)pyrene	15.63	252	815266	45.930	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	584352	38.084	ng		97
91) Benzo(g,h,i)perylene	17.77	276	647561	42.786	ng	#	91

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

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