Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
Data File : BM016327.D
Acq On : 13 Aug 2018 16:10
Operator : SJ/JU
Sample : J4405-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOILMS

Manual Integrations APPROVED
Sohil
8/14/2018 4:27:41 PM

Quant Time: Aug 14 04:37:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29150	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	104410	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	53693	20.00	ng		-0.01
63) Phenanthrene-d10	17.49	188	104438	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	132143	20.00	ng		-0.02
86) Perylene-d12	23.95	264	139484	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	229900	131.01	ng		0.00
7) Phenol-d6	7.30	99	241311	105.30	ng		0.00
23) Nitrobenzene-d5	9.31	82	237666	105.87	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	90401	132.75	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	445665	100.99	ng		-0.01
78) Terphenyl-d14	20.07	244	668873	105.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	33752	41.051	ng	#	100
3) Pyridine	3.90	79	45361	22.902	ng	#	70
4) n-Nitrosodimethylamine	3.80	42	80136	51.872	ng	#	26
6) Aniline	7.46	93	35618	13.498	ng	#	89
8) 2-Chlorophenol	7.69	128	82415	39.516	ng		93
9) Benzaldehyde	7.27	77	29529	18.339	ng		89
10) Phenol	7.32	94	73605	32.120	ng		86
11) bis(2-Chloroethyl)ether	7.55	93	69972	38.652	ng		90
12) 1,3-Dichlorobenzene	8.00	146	93915	38.470	ng	#	85
13) 1,4-Dichlorobenzene	8.16	146	93876	37.916	ng	#	90
14) 1,2-Dichlorobenzene	8.47	146	93083	38.422	ng	#	93
15) Benzyl Alcohol	8.38	79	70801	38.800	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.65	45	93147	33.619	ng		95
17) 2-Methylphenol	8.58	107	59625	38.068	ng	#	78
18) Hexachloroethane	9.19	117	48133	44.974	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	63939	38.172	ng	#	71
20) 3+4-Methylphenols	8.92	107	76436	33.919	ng	#	84
22) Acetophenone	8.97	105	126456	48.100	ng	#	76
24) Nitrobenzene	9.35	77	107927	47.764	ng		92
25) Isophorone	9.87	82	162647	52.969	ng	#	92
26) 2-Nitrophenol	10.06	139	40538	42.977	ng	#	38
27) 2,4-Dimethylphenol	10.12	122	67317	51.225	ng	#	77
28) bis(2-Chloroethoxy)methane	10.35	93	89431	44.811	ng		99
29) 2,4-Dichlorophenol	10.60	162	70058	44.864	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	84709	44.646	ng	#	96
31) Naphthalene	10.99	128	250934	47.487	ng		99
32) Benzoic acid	10.30	122	33989	33.929	ng	#	83
33) 4-Chloroaniline	11.12	127	18998	8.810	ng	#	88
34) Hexachlorobutadiene	11.24	225	67814	51.527	ng		95
35) Caprolactam	11.93	113	12436m	28.753	ng		
36) 4-Chloro-3-methylphenol	12.24	107	74657	43.467	ng	#	84
37) 2-Methylnaphthalene	12.59	142	176745	49.930	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	93100	50.931	ng	#	100
40) Hexachlorocyclopentadiene	12.91	237	56561	64.664	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	54275	47.457	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	54307	46.035	ng	#	82
45) 1,1'-Biphenyl	13.59	154	217900	44.968	ng		98
46) 2-Chloronaphthalene	13.64	162	166612	44.208	ng	#	88
47) 2-Nitroaniline	13.87	65	55832	44.809	ng	#	83
48) Acenaphthylene	14.49	152	262260	47.534	ng		98
49) Dimethylphthalate	14.22	163	217182	46.219	ng		99
50) 2,6-Dinitrotoluene	14.36	165	40650	42.995	ng	#	27
51) Acenaphthene	14.82	154	151469	44.638	ng		92
52) 3-Nitroaniline	14.69	138	23406	22.920	ng	#	74
53) 2,4-Dinitrophenol	14.92	184	26427	66.235	ng	#	60
54) Dibenzofuran	15.16	168	248220	44.391	ng	#	76
55) 4-Nitrophenol	15.01	139	44147	60.305	ng		91
56) 2,4-Dinitrotoluene	15.15	165	60251	44.569	ng	#	59
57) Fluorene	15.80	166	195133	46.961	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	47173	46.522	ng	#	100
59) Diethylphthalate	15.56	149	231127	45.634	ng	#	93
60) 4-Chlorophenyl-phenylether	15.79	204	102982	44.520	ng	#	80
61) 4-Nitroaniline	15.86	138	35234	35.961	ng	#	1
62) Azobenzene	16.08	77	264760	49.636	ng	#	70
64) 4,6-Dinitro-2-methylphenol	15.92	198	22085	34.839	ng	#	79
65) n-Nitrosodiphenylamine	16.01	169	159234	46.303	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	57625	48.727	ng	#	69
67) Hexachlorobenzene	16.80	284	56021	43.016	ng	#	48
68) Atrazine	16.95	200	58499	47.462	ng		94
69) Pentachlorophenol	17.15	266	55843	69.247	ng		96
70) Phenanthrene	17.53	178	280688	48.005	ng		98
71) Anthracene	17.63	178	285557	50.250	ng		98
72) Carbazole	17.90	167	250325	42.521	ng	#	95
73) Di-n-butylphthalate	18.42	149	365038	49.760	ng	#	95
74) Fluoranthene	19.53	202	333233	51.092	ng		98
76) Benzidine	19.72	184	53277	14.428	ng		98
77) Pyrene	19.89	202	342266	43.221	ng		97
79) Butylbenzylphthalate	20.75	149	180351	44.832	ng	#	76
80) Benzo(a)anthracene	21.61	228	398577	48.972	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	94557	28.844	ng		98
82) Chrysene	21.66	228	376608	48.238	ng		98
83) Bis(2-ethylhexyl)phthalate	21.50	149	262474	45.020	ng		92
84) Di-n-octyl phthalate	22.39	149	482727	49.264	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.34	276	492215	53.129	ng		97
87) Benzo(b)fluoranthene	23.25	252	421452	51.318	ng	#	93
88) Benzo(k)fluoranthene	23.30	252	396122	47.594	ng	#	96
89) Benzo(a)pyrene	23.86	252	398710	50.502	ng		98
90) Dibenzo(a,h)anthracene	26.34	278	421508	51.531	ng	#	93
91) Benzo(g,h,i)perylene	27.07	276	385888	49.879	ng	#	91

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

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