Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
Data File : BM016328.D
Acq On : 13 Aug 2018 16:46
Operator : SJ/JU
Sample : J4405-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXCAVATION-SOILMSD

Quant Time: Aug 14 03:52:32 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	29871	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	108736	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	53312	20.00	ng		-0.01
63) Phenanthrene-d10	17.49	188	103504	20.00	ng		-0.02
75) Chrysene-d12	21.63	240	128333	20.00	ng		-0.01
86) Perylene-d12	23.96	264	133170	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	251727	139.98	ng		0.00
7) Phenol-d6	7.30	99	262032	111.58	ng		0.00
23) Nitrobenzene-d5	9.31	82	264597	113.18	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	94591	139.89	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	490143	111.86	ng		-0.01
78) Terphenyl-d14	20.07	244	692426	112.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	36517	43.342	ng	#	100
3) Pyridine	3.90	79	67198	33.108	ng	#	75
4) n-Nitrosodimethylamine	3.80	42	91025	57.498	ng	#	29
6) Aniline	7.46	93	59194	21.892	ng	#	81
8) 2-Chlorophenol	7.69	128	91265	42.703	ng		95
9) Benzaldehyde	7.27	77	53521	32.438	ng		84
10) Phenol	7.32	94	80753	34.389	ng		91
11) bis(2-Chloroethyl)ether	7.55	93	75784	40.852	ng		89
12) 1,3-Dichlorobenzene	8.00	146	103240	41.269	ng	#	85
13) 1,4-Dichlorobenzene	8.16	146	105499	41.582	ng	#	93
14) 1,2-Dichlorobenzene	8.47	146	102248	41.187	ng	#	91
15) Benzyl Alcohol	8.38	79	79432	42.479	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.65	45	101686	35.815	ng		95
17) 2-Methylphenol	8.58	107	66284	41.298	ng	#	77
18) Hexachloroethane	9.19	117	52620	47.979	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	71877	41.875	ng	#	69
20) 3+4-Methylphenols	8.92	107	83419	36.124	ng	#	82
22) Acetophenone	8.97	105	141960	51.848	ng	#	76
24) Nitrobenzene	9.36	77	118010	50.148	ng	#	96
25) Isophorone	9.87	82	177727	55.578	ng	#	94
26) 2-Nitrophenol	10.06	139	45783	46.606	ng	#	37
27) 2,4-Dimethylphenol	10.12	122	72973	53.320	ng	#	78
28) bis(2-Chloroethoxy)methane	10.35	93	98260	47.276	ng		99
29) 2,4-Dichlorophenol	10.60	162	78616	48.341	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	93800	47.470	ng		95
31) Naphthalene	10.99	128	274059	49.800	ng		98
32) Benzoic acid	10.30	122	37135	35.594	ng	#	87
33) 4-Chloroaniline	11.13	127	22726	10.120	ng	#	86
34) Hexachlorobutadiene	11.24	225	73414	53.562	ng		96
35) Caprolactam	11.93	113	12652	28.089	ng		90
36) 4-Chloro-3-methylphenol	12.24	107	79943	44.693	ng		83
37) 2-Methylnaphthalene	12.59	142	195984	53.163	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	102059	56.231	ng	#	100
40) Hexachlorocyclopentadiene	12.91	237	61917	70.506	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	58762	51.747	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	56787	48.481	ng	#	81
45) 1,1'-Biphenyl	13.59	154	241591	50.214	ng		97
46) 2-Chloronaphthalene	13.64	162	180397	48.207	ng	#	87
47) 2-Nitroaniline	13.87	65	60927	49.247	ng	#	79
48) Acenaphthylene	14.49	152	289286	52.807	ng		99
49) Dimethylphthalate	14.22	163	234131	50.182	ng		99
50) 2,6-Dinitrotoluene	14.36	165	44930	47.862	ng	#	44
51) Acenaphthene	14.82	154	167071	49.588	ng		96
52) 3-Nitroaniline	14.69	138	25333	24.985	ng	#	71
53) 2,4-Dinitrophenol	14.92	184	28953	72.452	ng	#	53
54) Dibenzofuran	15.16	168	267198	48.126	ng	#	76
55) 4-Nitrophenol	15.01	139	45547	62.662	ng	#	83
56) 2,4-Dinitrotoluene	15.15	165	64761	48.247	ng	#	64
57) Fluorene	15.80	166	210975	51.136	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	50284	49.945	ng	#	100
59) Diethylphthalate	15.56	149	252740	50.258	ng	#	94
60) 4-Chlorophenyl-phenylether	15.79	204	109351	47.611	ng	#	80
61) 4-Nitroaniline	15.86	138	37311	38.353	ng	#	1
62) Azobenzene	16.08	77	281300	53.114	ng	#	72
64) 4,6-Dinitro-2-methylphenol	15.92	198	23737	37.783	ng	#	74
65) n-Nitrosodiphenylamine	16.01	169	171637	50.360	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	62088	52.975	ng	#	74
67) Hexachlorobenzene	16.80	284	61140	47.371	ng	#	55
68) Atrazine	16.95	200	65636	53.733	ng		96
69) Pentachlorophenol	17.15	266	59132	73.987	ng		96
70) Phenanthrene	17.54	178	295509	50.996	ng		98
71) Anthracene	17.63	178	302682	53.744	ng		98
72) Carbazole	17.90	167	263009	45.078	ng	#	95
73) Di-n-butylphthalate	18.42	149	384615	52.902	ng	#	95
74) Fluoranthene	19.53	202	345917	53.515	ng		98
76) Benzidine	19.72	184	113630	31.686	ng		98
77) Pyrene	19.89	202	356168	46.312	ng		98
79) Butylbenzylphthalate	20.75	149	188121	48.151	ng	#	77
80) Benzo(a)anthracene	21.61	228	407176	51.514	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	84584	26.568	ng		97
82) Chrysene	21.66	228	384362	50.693	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	273166	48.245	ng		93
84) Di-n-octyl phthalate	22.40	149	489706	51.460	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.34	276	505496	56.182	ng		97
87) Benzo(b)fluoranthene	23.25	252	429159	54.734	ng	#	94
88) Benzo(k)fluoranthene	23.30	252	404694	50.929	ng	#	96
89) Benzo(a)pyrene	23.86	252	411575	54.603	ng		97
90) Dibenzo(a,h)anthracene	26.34	278	429126	54.949	ng	#	94
91) Benzo(g,h,i)perylene	27.07	276	399652	54.108	ng	#	91

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

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