Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022734.D
Acq On : 20 Sep 2019 20:19
Operator : HP/JU
Sample : K3591-01
Misc : LOD-MDL-S-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:52 AM

Quant Time: Sep 21 02:26:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	193977	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	763785	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	425482	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	807555	20.00	ng		0.00
76) Chrysene-d12	21.37	240	761698	20.00	ng		0.00
87) Perylene-d12	23.64	264	798478	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1174616	96.04	ng		0.00
7) Phenol-d6	6.99	99	1483478	94.43	ng		0.00
23) Nitrobenzene-d5	8.97	82	1067634	77.59	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	483997	91.12	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2392904	77.44	ng		0.00
79) Terphenyl-d14	19.82	244	3118154	79.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	42526	8.641	ng	#	100
3) Pyridine	3.73	79	91456	7.050	ng		96
4) n-Nitrosodimethylamine	3.64	42	35088	7.430	ng	#	92
6) Aniline	7.15	93	145212	7.709	ng		100
8) 2-Chlorophenol	7.39	128	99282	7.967	ng		96
9) Benzaldehyde	6.96	77	85046	9.508	ng		99
10) Phenol	7.01	94	118862	8.037	ng		94
11) bis(2-Chloroethyl)ether	7.25	93	90251	7.767	ng		98
12) 1,3-Dichlorobenzene	7.72	146	114956	7.718	ng		99
13) 1,4-Dichlorobenzene	7.86	146	115551	7.663	ng		99
14) 1,2-Dichlorobenzene	8.17	146	109306	7.604	ng		98
15) Benzyl Alcohol	8.06	79	72655	7.391	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	130550	7.734	ng		99
17) 2-Methylphenol	8.26	107	72238	7.379	ng		99
18) Hexachloroethane	8.90	117	41157	7.442	ng		93
19) n-Nitroso-di-n-propylamine	8.63	70	66071	7.532	ng		96
20) 3+4-Methylphenols	8.59	107	94402	7.240	ng		99
22) Acetophenone	8.65	105	139752	7.413	ng	#	100
24) Nitrobenzene	9.02	77	108599	8.249	ng		98
25) Isophorone	9.55	82	163863	7.243	ng		100
26) 2-Nitrophenol	9.73	139	35274	6.207	ng		99
27) 2,4-Dimethylphenol	9.79	122	71946	7.562	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	116541	7.444	ng		98
29) 2,4-Dichlorophenol	10.26	162	73823	6.863	ng		97
30) 1,2,4-Trichlorobenzene	10.48	180	97867	7.395	ng		99
31) Naphthalene	10.67	128	298593	7.912	ng		99
32) Benzoic acid	9.85	122	24625m	4.021	ng		
33) 4-Chloroaniline	10.77	127	118798	7.250	ng		99
34) Hexachlorobutadiene	10.96	225	56597	7.174	ng		98
35) Caprolactam	11.55	113	18340m	5.751	ng		
36) 4-Chloro-3-methylphenol	11.89	107	71821	6.843	ng		98
37) 2-Methylnaphthalene	12.28	142	202787	7.720	ng		100
38) 1-Methylnaphthalene	12.50	142	188525	7.561	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	101083	7.011	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	55405	7.044	ng		98
43) 2,4,6-Trichlorophenol	12.89	196	52189	6.272	ng		97
44) 2,4,5-Trichlorophenol	12.95	196	61378	7.078	ng		99
46) 1,1'-Biphenyl	13.29	154	253476	7.198	ng		99
47) 2-Chloronaphthalene	13.33	162	198787	7.574	ng		99
48) 2-Nitroaniline	13.53	65	39957	5.846	ng		95
49) Acenaphthylene	14.18	152	291330	7.496	ng		100
50) Dimethylphthalate	13.91	163	219261	7.131	ng		99
51) 2,6-Dinitrotoluene	14.02	165	42039	6.536	ng		90
52) Acenaphthene	14.52	154	185513	7.296	ng		97
53) 3-Nitroaniline	14.35	138	42266	5.708	ng	#	95
54) 2,4-Dinitrophenol	14.56	184	13153	4.331	ng		99
55) Dibenzofuran	14.86	168	293658	7.911	ng		100
56) 4-Nitrophenol	14.65	139	32466	5.705	ng		92
57) 2,4-Dinitrotoluene	14.81	165	47265	5.609	ng		89
58) Fluorene	15.50	166	225737	7.483	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	46354	6.130	ng		97
60) Diethylphthalate	15.27	149	204471	6.839	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	114958	7.417	ng		97
62) 4-Nitroaniline	15.51	138	44465	5.728	ng		98
63) Azobenzene	15.79	77	191481	7.092	ng		98
65) 4,6-Dinitro-2-methylphenol	15.57	198	20406	5.396	ng		91
66) n-Nitrosodiphenylamine	15.71	169	187261	7.590	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	62936	7.007	ng		99
68) Hexachlorobenzene	16.51	284	74745	7.136	ng		98
69) Atrazine	16.66	200	50598	6.309	ng		100
70) Pentachlorophenol	16.84	266	31170	5.580	ng		100
71) Phenanthrene	17.23	178	351679	7.718	ng		99
72) Anthracene	17.33	178	326397	7.391	ng		100
73) Carbazole	17.59	167	298799	7.271	ng		100
74) Di-n-butylphthalate	18.16	149	267222	5.735	ng		99
75) Fluoranthene	19.25	202	365550	7.109	ng		99
77) Benzidine	19.43	184	134851	6.453	ng		99
78) Pyrene	19.61	202	384760	7.708	ng		99
80) Butylbenzylphthalate	20.52	149	99089	5.223	ng		96
81) Benzo(a)anthracene	21.36	228	368556	7.466	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	115305	6.586	ng		99
83) Chrysene	21.41	228	363359	7.592	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	148247	5.274	ng		98
85) Di-n-octyl phthalate	22.18	149	222821	4.974	ng		96
86) Indeno(1,2,3-cd)pyrene	25.95	276	402216	7.041	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	348867	7.216	ng		99
89) Benzo(k)fluoranthene	23.00	252	359249	7.489	ng		100
90) Benzo(a)pyrene	23.54	252	325555	7.308	ng		100
91) Dibenzo(a,h)anthracene	25.96	278	341955	7.338	ng		99
92) Benzo(g,h,i)perylene	26.65	276	332390	7.510	ng		100

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

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