Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
Data File : BG040184.D
Acq On : 27 Mar 2019 23:05
Operator : JU/SJ
Sample : K1560-01
Misc : LOD 8PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Manual Integrations APPROVED
Sohil
3/29/2019 4:48:17 PM

Quant Time: Mar 29 04:00:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	52476	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	210931	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	128962	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	307682	20.00	ng		0.00
76) Chrysene-d12	21.73	240	323882	20.00	ng		0.00
87) Perylene-d12	25.02	264	332051	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	382776	121.26	ng		0.00
7) Phenol-d6	7.22	99	529688	121.42	ng		0.00
23) Nitrobenzene-d5	9.25	82	349643	88.11	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	187182	134.30	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	785111	90.21	ng		0.00
79) Terphenyl-d14	20.05	244	1251541	86.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	13646	9.194	ng		87
3) Pyridine	3.93	79	30358	7.596	ng		88
4) n-Nitrosodimethylamine	3.85	42	14418	7.799	ng	#	79
6) Aniline	7.40	93	41550	7.331	ng		98
8) 2-Chlorophenol	7.63	128	27216	7.365	ng		97
9) Benzaldehyde	7.21	77	24789	8.284	ng		98
10) Phenol	7.25	94	34679	7.324	ng		96
11) bis(2-Chloroethyl)ether	7.49	93	29125	7.680	ng		96
12) 1,3-Dichlorobenzene	7.96	146	31715	7.896	ng		93
13) 1,4-Dichlorobenzene	8.11	146	31967	7.990	ng		97
14) 1,2-Dichlorobenzene	8.42	146	30018	7.846	ng		98
15) Benzyl Alcohol	8.31	79	24783	7.054	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	55705	7.653	ng		99
17) 2-Methylphenol	8.51	107	23202	7.081	ng		89
18) Hexachloroethane	9.15	117	11928	7.838	ng		88
19) n-Nitroso-di-n-propylamine	8.87	70	23077	7.378	ng	#	97
20) 3+4-Methylphenols	8.84	107	33624	7.575	ng		97
22) Acetophenone	8.90	105	44915	8.536	ng	#	99
24) Nitrobenzene	9.29	77	34284	8.343	ng	#	95
25) Isophorone	9.80	82	67879	8.313	ng		98
26) 2-Nitrophenol	9.99	139	15179	7.795	ng		90
27) 2,4-Dimethylphenol	10.04	122	23462	7.586	ng		96
28) bis(2-Chloroethoxy)methane	10.28	93	39631	8.204	ng		96
29) 2,4-Dichlorophenol	10.53	162	25711	7.659	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	30006	8.140	ng		93
31) Naphthalene	10.93	128	94040	8.698	ng	#	95
32) Benzoic acid	10.14	122	9922m	5.309	ng		
33) 4-Chloroaniline	11.05	127	38024	8.245	ng	#	93
34) Hexachlorobutadiene	11.20	225	20173	8.557	ng		93
35) Caprolactam	11.81	113	10250	7.694	ng	#	80
36) 4-Chloro-3-methylphenol	12.15	107	30242	7.836	ng		97
37) 2-Methylnaphthalene	12.53	142	67616	8.456	ng		96
38) 1-Methylnaphthalene	12.75	142	66917m	8.630	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	35321	8.617	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	15144	6.729	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	19679	7.447	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	22975	7.976	ng		95
46) 1,1'-Biphenyl	13.53	154	90568	8.888	ng		100
47) 2-Chloronaphthalene	13.58	162	67565	8.644	ng		98
48) 2-Nitroaniline	13.79	65	20542	7.792	ng		95
49) Acenaphthylene	14.42	152	116556	8.795	ng		97
50) Dimethylphthalate	14.15	163	87372	8.657	ng		99
51) 2,6-Dinitrotoluene	14.28	165	18133	8.001	ng		95
52) Acenaphthene	14.76	154	64784	8.531	ng		99
53) 3-Nitroaniline	14.61	138	19045	7.939	ng		95
54) 2,4-Dinitrophenol	14.82	184	6214	5.156	ng		93
55) Dibenzofuran	15.09	168	110090	9.022	ng		95
56) 4-Nitrophenol	14.92	139	12972	6.700	ng		92
57) 2,4-Dinitrotoluene	15.06	165	24267	7.706	ng		95
58) Fluorene	15.74	166	85770	8.941	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	20639m	7.896	ng		
60) Diethylphthalate	15.50	149	90715	8.783	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	45048	8.785	ng		96
62) 4-Nitroaniline	15.77	138	21047	8.175	ng		98
63) Azobenzene	16.02	77	85864	8.814	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	10998	6.362	ng		90
66) n-Nitrosodiphenylamine	15.95	169	76284	8.473	ng		92
67) 4-Bromophenyl-phenylether	16.63	248	28141	8.127	ng		94
68) Hexachlorobenzene	16.74	284	29716	8.536	ng		96
69) Atrazine	16.88	200	28280	8.444	ng		96
70) Pentachlorophenol	17.09	266	12113	6.018	ng		96
71) Phenanthrene	17.49	178	144164	8.914	ng		99
72) Anthracene	17.58	178	143838	8.886	ng		99
73) Carbazole	17.85	167	136782	8.929	ng		100
74) Di-n-butylphthalate	18.38	149	164124	9.038	ng		98
75) Fluoranthene	19.49	202	179748	9.386	ng		97
77) Benzidine	19.68	184	74470	6.367	ng		98
78) Pyrene	19.86	202	188398	8.845	ng		97
80) Butylbenzylphthalate	20.73	149	69681	7.645	ng		92
81) Benzo(a)anthracene	21.70	228	172812	8.663	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	58308	7.683	ng		98
83) Chrysene	21.77	228	166676	8.693	ng		96
84) Bis(2-ethylhexyl)phthalate	21.57	149	101483	7.789	ng		96
85) Di-n-octyl phthalate	22.80	149	174834	7.876	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	187874	8.012	ng	#	91
88) Benzo(b)fluoranthene	23.96	252	181470	8.926	ng		98
89) Benzo(k)fluoranthene	24.04	252	166550	8.909	ng		99
90) Benzo(a)pyrene	24.86	252	165491	8.676	ng		97
91) Dibenzo(a,h)anthracene	28.86	278	151079	8.528	ng		97
92) Benzo(g,h,i)perylene	29.99	276	153670	8.441	ng		97

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

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