Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024608.D
Acq On : 23 Jan 2020 15:21
Operator : CG/JU
Sample : K5111-01
Misc : 5 PPM LOD
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 23 16:39:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
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1/24/2020 1:55:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	216804	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	905889	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	642908	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1478671	20.00	ng		0.00
76) Chrysene-d12	21.05	240	1555608	20.00	ng		0.00
87) Perylene-d12	23.16	264	1749328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1443598	126.63	ng		0.00
7) Phenol-d6	6.64	99	1905766	121.35	ng		0.00
23) Nitrobenzene-d5	8.58	82	1432780	77.57	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	1283245	122.71	ng		0.00
45) 2-Fluorobiphenyl	12.71	172	3669658	77.60	ng		0.00
79) Terphenyl-d14	19.50	244	7334935	88.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	24401	5.411	ng		95
3) Pyridine	3.46	79	66992	5.124	ng		97
4) n-Nitrosodimethylamine	3.38	42	25281	4.357	ng	#	95
6) Aniline	6.79	93	91421	4.782	ng		95
8) 2-Chlorophenol	7.02	128	59890	4.615	ng		98
9) Benzaldehyde	6.60	77	45335	4.886	ng		97
10) Phenol	6.66	94	72793	4.650	ng		94
11) bis(2-Chloroethyl)ether	6.89	93	58499	4.668	ng		96
12) 1,3-Dichlorobenzene	7.33	146	76966	4.828	ng		98
13) 1,4-Dichlorobenzene	7.48	146	78395	4.847	ng		98
14) 1,2-Dichlorobenzene	7.79	146	74834	4.793	ng		95
15) Benzyl Alcohol	7.69	79	58337	4.505	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.98	45	57270	4.992	ng		96
17) 2-Methylphenol	7.89	107	50197	4.550	ng		93
18) Hexachloroethane	8.50	117	29408	4.709	ng		97
19) n-Nitroso-di-n-propylamine	8.25	70	54917	4.657	ng		97
20) 3+4-Methylphenols	8.22	107	67223	4.402	ng		99
22) Acetophenone	8.26	105	109635	4.694	ng	#	96
24) Nitrobenzene	8.62	77	87265	4.930	ng		96
25) Isophorone	9.15	82	142911	4.553	ng		99
26) 2-Nitrophenol	9.33	139	31913	3.893	ng		94
27) 2,4-Dimethylphenol	9.40	122	46899	4.211	ng		96
28) bis(2-Chloroethoxy)methane	9.64	93	90063	4.697	ng		98
29) 2,4-Dichlorophenol	9.86	162	61247	4.070	ng		98
30) 1,2,4-Trichlorobenzene	10.08	180	81973	4.517	ng		100
31) Naphthalene	10.25	128	211953	4.632	ng		98
32) Benzoic acid	9.48	122	34337m	3.370	ng		
33) 4-Chloroaniline	10.37	127	86854	4.331	ng		98
34) Hexachlorobutadiene	10.56	225	57466	4.580	ng		97
35) Caprolactam	11.13	113	18207	3.771	ng		93
36) 4-Chloro-3-methylphenol	11.50	107	64418	4.026	ng		97
37) 2-Methylnaphthalene	11.87	142	159780	4.525	ng		99
38) 1-Methylnaphthalene	12.10	142	150536	4.482	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	102100	4.450	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	47375	3.684 ng	99
43) 2,4,6-Trichlorophenol	12.50	196	57480	3.937 ng	98
44) 2,4,5-Trichlorophenol	12.57	196	60844	4.080 ng	95
46) 1,1'-Biphenyl	12.92	154	229205	4.711 ng	98
47) 2-Chloronaphthalene	12.95	162	180635	4.599 ng	98
48) 2-Nitroaniline	13.16	65	47279	3.947 ng	98
49) Acenaphthylene	13.80	152	260841	4.436 ng	100
50) Dimethylphthalate	13.56	163	238714	4.592 ng	99
51) 2,6-Dinitrotoluene	13.66	165	46336	4.192 ng	97
52) Acenaphthene	14.16	154	166007	4.550 ng	98
53) 3-Nitroaniline	14.00	138	44560	3.887 ng	97
54) 2,4-Dinitrophenol	14.21	184	17144	2.594 ng	95
55) Dibenzofuran	14.49	168	271062	4.555 ng	99
56) 4-Nitrophenol	14.32	139	31662	3.533 ng	95
57) 2,4-Dinitrotoluene	14.46	165	61377	3.875 ng	90
58) Fluorene	15.15	166	217136	4.342 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	60821	4.022 ng	98
60) Diethylphthalate	14.95	149	232210	4.400 ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	125246	4.344 ng	99
62) 4-Nitroaniline	15.16	138	46810	3.699 ng	98
63) Azobenzene	15.45	77	198124	4.401 ng	97
65) 4,6-Dinitro-2-methylphenol	15.23	198	27441	3.156 ng	96
66) n-Nitrosodiphenylamine	15.37	169	186634	4.394 ng	98
67) 4-Bromophenyl-phenylether	16.05	248	79002	4.296 ng	97
68) Hexachlorobenzene	16.16	284	98379	4.662 ng	98
69) Atrazine	16.33	200	66666	4.089 ng	97
70) Pentachlorophenol	16.50	266	46502	3.618 ng	97
71) Phenanthrene	16.88	178	360571	4.503 ng	99
72) Anthracene	16.97	178	340022	4.340 ng	97
73) Carbazole	17.25	167	305985	4.290 ng	98
74) Di-n-butylphthalate	17.85	149	365388	4.007 ng	99
75) Fluoranthene	18.91	202	433405	4.337 ng	98
77) Benzidine	19.11	184	121327	3.349 ng	98
78) Pyrene	19.27	202	450077	4.389 ng	100
80) Butylbenzylphthalate	20.21	149	159935	3.717 ng	93
81) Benzo(a)anthracene	21.03	228	491757	4.555 ng	100
82) 3,3'-Dichlorobenzidine	20.97	252	153369	3.949 ng	96
83) Chrysene	21.09	228	470759	4.569 ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	241713	3.807 ng	98
85) Di-n-octyl phthalate	21.86	149	387575	3.695 ng	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	498762	4.442 ng	98
88) Benzo(b)fluoranthene	22.54	252	491528	4.332 ng	98
89) Benzo(k)fluoranthene	22.58	252	464392	4.193 ng	99
90) Benzo(a)pyrene	23.07	252	424778	4.118 ng	100
91) Dibenzo(a,h)anthracene	25.24	278	415019	4.239 ng	98
92) Benzo(g,h,i)perylene	25.84	276	381211	4.288 ng	99

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

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