Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002731.D
Acq On : 13 Jul 2020 12:17
Operator : CG/JU
Sample : L3216-02
Misc : LOO-SOIL-5PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/14/2020 12:02:25 PM

Quant Time: Jul 13 12:48:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	143080	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	593541	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	377567	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	824598	20.00	ng		0.00
76) Chrysene-d12	21.07	240	826167	20.00	ng		0.00
86) Perylene-d12	23.26	264	810991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	886049	104.48	ng		0.00
7) Phenol-d6	6.75	99	1250453	103.32	ng		0.00
23) Nitrobenzene-d5	8.70	82	820445	73.93	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	416433	105.66	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	1870493	76.64	ng		0.00
79) Terphenyl-d14	19.55	244	2259685	62.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	20276	5.484	ng		97
3) Pyridine	3.52	79	38397	3.485	ng		95
4) n-Nitrosodimethylamine	3.43	42	17891	4.310	ng	#	90
6) Aniline	6.89	93	69085	4.509	ng		98
8) 2-Chlorophenol	7.12	128	43208	4.579	ng		93
9) Benzaldehyde	6.70	77	40399	6.144	ng		99
10) Phenol	6.78	94	56773	4.579	ng		92
11) bis(2-Chloroethyl)ether	6.99	93	45150	4.378	ng		98
12) 1,3-Dichlorobenzene	7.45	146	49492	4.574	ng		98
13) 1,4-Dichlorobenzene	7.59	146	50483	4.649	ng		98
14) 1,2-Dichlorobenzene	7.90	146	47978	4.582	ng		99
15) Benzyl Alcohol	7.80	79	28758	3.551	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.09	45	65282	4.402	ng		98
17) 2-Methylphenol	8.02	107	34589	3.916	ng		98
18) Hexachloroethane	8.62	117	16864	4.385	ng		97
19) n-Nitroso-di-n-propylamine	8.36	70	32510	4.411	ng		98
20) 3+4-Methylphenols	8.35	107	44697	3.827	ng	#	86
22) Acetophenone	8.37	105	68059	4.651	ng		95
24) Nitrobenzene	8.74	77	53929	4.487	ng		99
25) Isophorone	9.26	82	89724	3.967	ng		99
26) 2-Nitrophenol	9.46	139	17816	3.432	ng		95
27) 2,4-Dimethylphenol	9.54	122	35023	4.156	ng		97
28) bis(2-Chloroethoxy)methane	9.76	93	58278	4.242	ng		99
29) 2,4-Dichlorophenol	10.02	162	33642	3.621	ng		95
30) 1,2,4-Trichlorobenzene	10.20	180	45891	4.312	ng		97
31) Naphthalene	10.38	128	141112	4.503	ng		99
32) Benzoic acid	9.74	122	1262	7.227	ng		89
33) 4-Chloroaniline	10.50	127	51170	3.811	ng		98
34) Hexachlorobutadiene	10.68	225	25845	4.202	ng		97
35) Caprolactam	11.25	113	9210	2.835	ng		91
36) 4-Chloro-3-methylphenol	11.65	107	35583	3.553	ng		95
37) 2-Methylnaphthalene	12.00	142	98658	4.462	ng		100
38) 1-Methylnaphthalene	12.22	142	94925	4.539	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	53243	4.588	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	4755	8.273	ng		85
43) 2,4,6-Trichlorophenol	12.64	196	24584	3.310	ng		97
44) 2,4,5-Trichlorophenol	12.72	196	27193	3.157	ng		94
46) 1,1'-Biphenyl	13.03	154	137739	4.893	ng		99
47) 2-Chloronaphthalene	13.06	162	100675	4.403	ng		99
48) 2-Nitroaniline	13.29	65	21031	2.976	ng		97
49) Acenaphthylene	13.92	152	153392	4.256	ng		98
50) Dimethylphthalate	13.67	163	121385	4.216	ng		100
51) 2,6-Dinitrotoluene	13.79	165	21125	3.427	ng		93
52) Acenaphthene	14.26	154	95796	4.447	ng		98
53) 3-Nitroaniline	14.13	138	20289	2.942	ng		93
54) 2,4-Dinitrophenol	14.32	184	24	11.380	ng	#	1
55) Dibenzofuran	14.61	168	157174	4.550	ng		97
56) 4-Nitrophenol	14.52	139	5766	5.950	ng		88
57) 2,4-Dinitrotoluene	14.59	165	24012	2.958	ng	#	79
58) Fluorene	15.26	166	122319	4.785	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	24829	3.656	ng		97
60) Diethylphthalate	15.05	149	112508	4.030	ng		99
61) 4-Chlorophenyl-phenylether	15.26	204	63546	4.679	ng		99
62) 4-Nitroaniline	15.30	138	18917m	3.899	ng		
63) Azobenzene	15.56	77	118652	4.133	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	6756	6.487	ng		95
66) n-Nitrosodiphenylamine	15.48	169	105015	4.311	ng		97
67) 4-Bromophenyl-phenylether	16.16	248	35520	3.954	ng		95
68) Hexachlorobenzene	16.27	284	40900	4.322	ng		97
69) Atrazine	16.45	200	30123	4.530	ng		99
70) Pentachlorophenol	16.65	266	2973	8.030	ng	#	89
71) Phenanthrene	17.00	178	204563	4.582	ng		99
72) Anthracene	17.10	178	193023	4.406	ng		98
73) Carbazole	17.38	167	173903	4.045	ng		99
74) Di-n-butylphthalate	17.95	149	161388	3.461	ng		99
75) Fluoranthene	18.99	202	223400	4.318	ng		98
77) Benzidine	19.19	184	67772	3.309	ng		98
78) Pyrene	19.35	202	239868	4.205	ng		98
80) Butylbenzylphthalate	20.24	149	66933	2.974	ng		98
81) Benzo(a)anthracene	21.06	228	230978	4.319	ng		98
82) 3,3'-Dichlorobenzidine	21.00	252	67600	3.817	ng		97
83) Chrysene	21.11	228	224370	4.407	ng		99
84) Bis(2-ethylhexyl)phthalate	21.01	149	104173	3.327	ng		100
85) Di-n-octyl phthalate	21.87	149	170305	3.026	ng		97
87) Indeno(1,2,3-cd)pyrene	25.46	276	247414	4.221	ng		99
88) Benzo(b)fluoranthene	22.60	252	210572	4.181	ng		98
89) Benzo(k)fluoranthene	22.65	252	221502	4.466	ng		99
90) Benzo(a)pyrene	23.16	252	191516	4.013	ng		98
91) Dibenzo(a,h)anthracene	25.47	278	203254	4.300	ng		97
92) Benzo(g,h,i)perylene	26.13	276	205532	4.288	ng		98

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

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