Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002729.D
Acq On : 13 Jul 2020 11:07
Operator : CG/JU
Sample : L3216-01
Misc : LOD-MDL-SOIL-4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/14/2020 12:02:22 PM

Quant Time: Jul 13 11:42:39 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	156281	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	650426	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	414439	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	911470	20.00	ng		0.00
76) Chrysene-d12	21.07	240	922503	20.00	ng		0.00
86) Perylene-d12	23.26	264	915273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1317851	142.27	ng		0.00
7) Phenol-d6	6.75	99	1812970	137.14	ng		0.00
23) Nitrobenzene-d5	8.70	82	901405	74.12	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	655975	151.63	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	2042641	76.25	ng		0.00
79) Terphenyl-d14	19.55	244	2470466	61.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	17841	4.418	ng		99
3) Pyridine	3.52	79	34524	2.869	ng		96
4) n-Nitrosodimethylamine	3.44	42	15736	3.471	ng	#	81
6) Aniline	6.89	93	63138	3.773	ng		98
8) 2-Chlorophenol	7.13	128	38435	3.729	ng		91
9) Benzaldehyde	6.70	77	31293	4.357	ng		98
10) Phenol	6.78	94	51555	3.807	ng		90
11) bis(2-Chloroethyl)ether	6.99	93	41295	3.666	ng		98
12) 1,3-Dichlorobenzene	7.45	146	42559	3.601	ng		96
13) 1,4-Dichlorobenzene	7.59	146	43629	3.679	ng		98
14) 1,2-Dichlorobenzene	7.90	146	42850	3.747	ng		99
15) Benzyl Alcohol	7.80	79	25770	2.913	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.09	45	59153	3.652	ng		99
17) 2-Methylphenol	8.02	107	31241	3.238	ng		98
18) Hexachloroethane	8.62	117	14875	3.541	ng		96
19) n-Nitroso-di-n-propylamine	8.36	70	29049	3.608	ng		97
20) 3+4-Methylphenols	8.35	107	39883	3.126	ng	#	88
22) Acetophenone	8.37	105	60472	3.771	ng		95
24) Nitrobenzene	8.74	77	49783	3.780	ng		98
25) Isophorone	9.26	82	79216	3.196	ng		99
26) 2-Nitrophenol	9.46	139	16265	2.859	ng		98
27) 2,4-Dimethylphenol	9.54	122	31429	3.403	ng		96
28) bis(2-Chloroethoxy)methane	9.76	93	51929	3.449	ng		98
29) 2,4-Dichlorophenol	10.02	162	30639	3.009	ng		97
30) 1,2,4-Trichlorobenzene	10.20	180	40974	3.513	ng		98
31) Naphthalene	10.37	128	128809	3.751	ng		99
32) Benzoic acid	9.78	122	3029m	7.424	ng		
33) 4-Chloroaniline	10.50	127	46891	3.187	ng		99
34) Hexachlorobutadiene	10.67	225	22251	3.301	ng		96
35) Caprolactam	11.25	113	8431	2.368	ng		97
36) 4-Chloro-3-methylphenol	11.66	107	32579	2.968	ng		97
37) 2-Methylnaphthalene	12.00	142	87699	3.619	ng		99
38) 1-Methylnaphthalene	12.22	142	85007	3.709	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	47255	3.710	ng		98

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Quant Time: Jul 13 11:42:39 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)
41) Hexachlorocyclopentadiene	12.36	237	3797	8.045	ng		89
43) 2,4,6-Trichlorophenol	12.64	196	21758	2.669	ng		95
44) 2,4,5-Trichlorophenol	12.73	196	24516	2.593	ng		97
46) 1,1'-Biphenyl	13.03	154	125967	4.077	ng		100
47) 2-Chloronaphthalene	13.07	162	89292	3.558	ng		99
48) 2-Nitroaniline	13.29	65	18815	2.425	ng		93
49) Acenaphthylene	13.92	152	137788	3.483	ng		99
50) Dimethylphthalate	13.67	163	108012	3.417	ng		100
51) 2,6-Dinitrotoluene	13.79	165	18974	2.804	ng		94
52) Acenaphthene	14.27	154	86277	3.649	ng		99
53) 3-Nitroaniline	14.13	138	17634	2.329	ng	#	85
54) 2,4-Dinitrophenol	14.33	184	29	11.381	ng	#	1
55) Dibenzofuran	14.61	168	141861	3.741	ng		98
56) 4-Nitrophenol	14.53	139	2901	5.420	ng		91
57) 2,4-Dinitrotoluene	14.59	165	21149	2.373	ng	#	81
58) Fluorene	15.26	166	107751	3.840	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	20305	2.724	ng		96
60) Diethylphthalate	15.05	149	101766	3.321	ng		97
61) 4-Chlorophenyl-phenylether	15.26	204	56287	3.775	ng		98
62) 4-Nitroaniline	15.30	138	16223m	3.354	ng		
63) Azobenzene	15.56	77	104006	3.301	ng		97
65) 4,6-Dinitro-2-methylphenol	15.37	198	5093	6.099	ng		84
66) n-Nitrosodiphenylamine	15.48	169	93849	3.486	ng		99
67) 4-Bromophenyl-phenylether	16.16	248	32016	3.225	ng		99
68) Hexachlorobenzene	16.27	284	36962	3.533	ng	#	92
69) Atrazine	16.45	200	27106	3.688	ng		98
70) Pentachlorophenol	16.65	266	2477	7.885	ng	#	85
71) Phenanthrene	17.00	178	184293	3.734	ng		99
72) Anthracene	17.10	178	171534	3.542	ng		100
73) Carbazole	17.38	167	153353	3.227	ng		99
74) Di-n-butylphthalate	17.95	149	145771	2.828	ng		100
75) Fluoranthene	18.99	202	201240	3.519	ng		99
77) Benzidine	19.19	184	52367	2.290	ng		98
78) Pyrene	19.34	202	212486	3.336	ng		98
80) Butylbenzylphthalate	20.24	149	58904	2.344	ng		95
81) Benzo(a)anthracene	21.06	228	205727	3.445	ng		98
82) 3,3'-Dichlorobenzidine	21.00	252	57838	2.925	ng	#	97
83) Chrysene	21.11	228	202745	3.567	ng		99
84) Bis(2-ethylhexyl)phthalate	21.01	149	91647	2.622	ng		99
85) Di-n-octyl phthalate	21.87	149	151786	2.415	ng		96
87) Indeno(1,2,3-cd)pyrene	25.46	276	223614	3.380	ng		98
88) Benzo(b)fluoranthene	22.61	252	188286	3.313	ng		98
89) Benzo(k)fluoranthene	22.65	252	202789	3.623	ng		98
90) Benzo(a)pyrene	23.16	252	172664	3.206	ng		99
91) Dibenzo(a,h)anthracene	25.47	278	186921	3.504	ng		100
92) Benzo(g,h,i)perylene	26.13	276	184603	3.413	ng		98

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

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