Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002382.D
Acq On : 10 Jun 2020 19:25
Operator : CG/JU
Sample : L1161-01
Misc : LOD-MDL-S-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
mohammad
6/11/2020 1:49:34 PM

Quant Time: Jun 11 04:58:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	174007	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	662866	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	436454	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	991217	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1001243	20.00	ng		-0.01
86) Perylene-d12	23.29	264	1158071	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1486261	158.05	ng		0.00
7) Phenol-d6	6.78	99	1932726	154.37	ng		0.00
23) Nitrobenzene-d5	8.73	82	1280693	115.38	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	942104	225.45	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	2935655	113.09	ng		0.00
79) Terphenyl-d14	19.59	244	4483754	117.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	22538	5.203	ng		98
3) Pyridine	3.56	79	52376	4.449	ng		96
4) n-Nitrosodimethylamine	3.47	42	21853	4.504	ng	#	98
6) Aniline	6.92	93	82955	4.872	ng		98
8) 2-Chlorophenol	7.16	128	53614	5.071	ng		94
9) Benzaldehyde	6.74	77	50697	7.925	ng		97
10) Phenol	6.80	94	66437	4.893	ng		94
11) bis(2-Chloroethyl)ether	7.03	93	54460	4.804	ng		99
12) 1,3-Dichlorobenzene	7.48	146	61006	5.011	ng		97
13) 1,4-Dichlorobenzene	7.63	146	63047	5.147	ng		98
14) 1,2-Dichlorobenzene	7.94	146	60694	5.172	ng		95
15) Benzyl Alcohol	7.83	79	40687	4.193	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	72326	4.496	ng		98
17) 2-Methylphenol	8.04	107	42608	4.294	ng		97
18) Hexachloroethane	8.66	117	21771	4.878	ng		96
19) n-Nitroso-di-n-propylamine	8.39	70	41591	4.970	ng		96
20) 3+4-Methylphenols	8.36	107	55922	4.176	ng		97
22) Acetophenone	8.40	105	83851	5.631	ng	#	99
24) Nitrobenzene	8.78	77	66316	5.558	ng		100
25) Isophorone	9.30	82	112658	4.983	ng		100
26) 2-Nitrophenol	9.49	139	23735	4.464	ng		100
27) 2,4-Dimethylphenol	9.56	122	28886	3.463	ng		92
28) bis(2-Chloroethoxy)methane	9.79	93	72184	5.361	ng		99
29) 2,4-Dichlorophenol	10.02	162	47014	5.007	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	59750	5.709	ng		97
31) Naphthalene	10.41	128	175044	5.684	ng		99
32) Benzoic acid	9.64	122	4776m	0.753	ng		
33) 4-Chloroaniline	10.52	127	67918	5.052	ng		99
34) Hexachlorobutadiene	10.72	225	34532	5.654	ng		98
35) Caprolactam	11.26	113	15838	4.783	ng		93
36) 4-Chloro-3-methylphenol	11.66	107	48985	4.822	ng		99
37) 2-Methylnaphthalene	12.03	142	125544	5.744	ng		98
38) 1-Methylnaphthalene	12.26	142	120285	5.863	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	71588	6.222	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	26253	4.292 ng	97
43) 2,4,6-Trichlorophenol	12.66	196	38863	4.773 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	40829	4.330 ng	96
46) 1,1'-Biphenyl	13.06	154	176032	6.154 ng	97
47) 2-Chloronaphthalene	13.10	162	129037	5.515 ng	95
48) 2-Nitroaniline	13.30	65	26865	3.597 ng	97
49) Acenaphthylene	13.95	152	197877	5.299 ng	99
50) Dimethylphthalate	13.70	163	161676	5.406 ng	99
51) 2,6-Dinitrotoluene	13.81	165	29033	4.470 ng	98
52) Acenaphthene	14.30	154	121353	5.547 ng	100
53) 3-Nitroaniline	14.14	138	28227	3.806 ng	96
54) 2,4-Dinitrophenol	14.36	184	7010	1.968 ng	98
55) Dibenzofuran	14.64	168	207049	5.878 ng	98
56) 4-Nitrophenol	14.46	139	19393	3.294 ng	98
57) 2,4-Dinitrotoluene	14.60	165	37537	4.246 ng	98
58) Fluorene	15.29	166	159568	5.760 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	40002	5.345 ng	94
60) Diethylphthalate	15.08	149	157545	5.258 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	85858	6.393 ng	92
62) 4-Nitroaniline	15.30	138	28694	4.027 ng	92
63) Azobenzene	15.59	77	149180	5.001 ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	17133	3.276 ng	94
66) n-Nitrosodiphenylamine	15.51	169	139100	5.493 ng	97
67) 4-Bromophenyl-phenylether	16.19	248	53009	5.645 ng	94
68) Hexachlorobenzene	16.30	284	63435	6.366 ng	97
69) Atrazine	16.47	200	51315	6.212 ng	99
70) Pentachlorophenol	16.65	266	22223	3.728 ng	96
71) Phenanthrene	17.03	178	266033	5.738 ng	99
72) Anthracene	17.13	178	261666	5.681 ng	96
73) Carbazole	17.40	167	232005	5.120 ng	99
74) Di-n-butylphthalate	17.99	149	241907	4.511 ng	98
75) Fluoranthene	19.02	202	308233	5.569 ng	99
77) Benzidine	19.20	184	116805	5.221 ng	99
78) Pyrene	19.37	202	332975	5.429 ng	97
80) Butylbenzylphthalate	20.27	149	100245	3.677 ng	95
81) Benzo(a)anthracene	21.08	228	329978	5.774 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	115965	5.460 ng	97
83) Chrysene	21.13	228	328416	6.065 ng	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	167060	4.213 ng	99
85) Di-n-octyl phthalate	21.90	149	275768	3.965 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	388439	5.363 ng	97
88) Benzo(b)fluoranthene	22.64	252	316717	5.071 ng	99
89) Benzo(k)fluoranthene	22.68	252	337492	5.688 ng	100
90) Benzo(a)pyrene	23.20	252	293129	5.009 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	323545	5.569 ng	99
92) Benzo(g,h,i)perylene	26.17	276	324215	5.388 ng	95

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

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