Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002384.D
Acq On : 10 Jun 2020 20:33
Operator : CG/JU
Sample : L1161-02
Misc : LOO--S-10PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2020

Manual Integrations APPROVED
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6/11/2020 1:49:39 PM

Quant Time: Jun 11 05:09:22 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	175516	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	696145	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	453660	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	1005322	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1011610	20.00	ng		-0.01
86) Perylene-d12	23.30	264	1182310	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1523879	160.66	ng		0.00
7) Phenol-d6	6.78	99	1993539	157.86	ng		0.00
23) Nitrobenzene-d5	8.73	82	1332913	114.34	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	990092	227.95	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	3035501	112.51	ng		0.00
79) Terphenyl-d14	19.59	244	4561604	118.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	45397	10.390	ng		99
3) Pyridine	3.55	79	104701	8.817	ng		99
4) n-Nitrosodimethylamine	3.46	42	45478	9.293	ng		98
6) Aniline	6.92	93	172165	10.024	ng		99
8) 2-Chlorophenol	7.16	128	109049	10.225	ng		99
9) Benzaldehyde	6.73	77	98863	15.322	ng		98
10) Phenol	6.80	94	135140	9.867	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	110659	9.677	ng		100
12) 1,3-Dichlorobenzene	7.48	146	124366	10.127	ng		99
13) 1,4-Dichlorobenzene	7.63	146	126593	10.246	ng		97
14) 1,2-Dichlorobenzene	7.94	146	120977	10.221	ng		99
15) Benzyl Alcohol	7.83	79	86138	8.800	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	148662	9.162	ng		98
17) 2-Methylphenol	8.04	107	89251	8.918	ng		99
18) Hexachloroethane	8.66	117	42778	9.503	ng		91
19) n-Nitroso-di-n-propylamine	8.39	70	85915	10.178	ng		99
20) 3+4-Methylphenols	8.36	107	121021	8.960	ng		99
22) Acetophenone	8.40	105	176343	11.275	ng	#	99
24) Nitrobenzene	8.78	77	132014	10.535	ng		95
25) Isophorone	9.30	82	239891	10.104	ng		97
26) 2-Nitrophenol	9.49	139	53015	9.495	ng		99
27) 2,4-Dimethylphenol	9.56	122	87029	9.935	ng		95
28) bis(2-Chloroethoxy)methane	9.79	93	149164	10.548	ng		99
29) 2,4-Dichlorophenol	10.02	162	102064	10.351	ng		94
30) 1,2,4-Trichlorobenzene	10.23	180	122063	11.105	ng		98
31) Naphthalene	10.41	128	354891	10.973	ng		99
32) Benzoic acid	9.64	122	21770m	3.267	ng		
33) 4-Chloroaniline	10.52	127	142797	10.114	ng		98
34) Hexachlorobutadiene	10.72	225	73438	11.449	ng		96
35) Caprolactam	11.26	113	36033	10.361	ng		99
36) 4-Chloro-3-methylphenol	11.66	107	105376	9.877	ng		95
37) 2-Methylnaphthalene	12.03	142	258734	11.271	ng		98
38) 1-Methylnaphthalene	12.26	142	245455	11.392	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	146047	12.213	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	62014	9.754	ng		95
43) 2,4,6-Trichlorophenol	12.66	196	84789	10.018	ng		99
44) 2,4,5-Trichlorophenol	12.73	196	93316	9.522	ng		96
46) 1,1'-Biphenyl	13.06	154	349046	11.740	ng		99
47) 2-Chloronaphthalene	13.10	162	258109	10.613	ng		98
48) 2-Nitroaniline	13.30	65	63919	8.233	ng		98
49) Acenaphthylene	13.95	152	418342	10.777	ng		99
50) Dimethylphthalate	13.70	163	325484	10.471	ng		100
51) 2,6-Dinitrotoluene	13.81	165	65831	9.752	ng		96
52) Acenaphthene	14.30	154	248097	10.910	ng		100
53) 3-Nitroaniline	14.13	138	64085	8.314	ng		100
54) 2,4-Dinitrophenol	14.35	184	22418	6.055	ng		96
55) Dibenzofuran	14.64	168	413779	11.302	ng		99
56) 4-Nitrophenol	14.46	139	48667	7.952	ng		95
57) 2,4-Dinitrotoluene	14.60	165	85329	9.286	ng		99
58) Fluorene	15.29	166	324416	11.266	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.87	232	85694	11.015	ng		94
60) Diethylphthalate	15.08	149	322772	10.363	ng		99
61) 4-Chlorophenyl-phenylether	15.30	204	171310	12.272	ng		93
62) 4-Nitroaniline	15.30	138	67669	9.136	ng		97
63) Azobenzene	15.59	77	314312	10.138	ng		99
65) 4,6-Dinitro-2-methylphenol	15.37	198	43806	8.258	ng		97
66) n-Nitrosodiphenylamine	15.51	169	286603	11.160	ng		99
67) 4-Bromophenyl-phenylether	16.19	248	109784	11.528	ng		96
68) Hexachlorobenzene	16.30	284	129379	12.802	ng		95
69) Atrazine	16.47	200	110206	13.155	ng		98
70) Pentachlorophenol	16.65	266	55060	9.107	ng		94
71) Phenanthrene	17.03	178	534807	11.372	ng		100
72) Anthracene	17.13	178	533602	11.422	ng		98
73) Carbazole	17.40	167	482115	10.491	ng		98
74) Di-n-butylphthalate	17.99	149	524374	9.642	ng		98
75) Fluoranthene	19.02	202	641254	11.424	ng		99
77) Benzidine	19.20	184	309610	13.697	ng		99
78) Pyrene	19.37	202	674382	10.883	ng		98
80) Butylbenzylphthalate	20.27	149	222617	8.082	ng		96
81) Benzo(a)anthracene	21.08	228	664583	11.509	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	258301	12.037	ng		99
83) Chrysene	21.13	228	645804	11.805	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	364503	9.097	ng	#	99
85) Di-n-octyl phthalate	21.91	149	598572	8.517	ng		99
87) Indeno(1,2,3-cd)pyrene	25.50	276	788717	10.666	ng		97
88) Benzo(b)fluoranthene	22.64	252	684386	10.734	ng		98
89) Benzo(k)fluoranthene	22.68	252	657577	10.855	ng		99
90) Benzo(a)pyrene	23.20	252	601372	10.065	ng		97
91) Dibenzo(a,h)anthracene	25.52	278	662975	11.176	ng		98
92) Benzo(g,h,i)perylene	26.17	276	659525	10.735	ng		95

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

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