Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
Data File : BP002401.D
Acq On : 12 Jun 2020 16:48
Operator : CG/JU
Sample : L2182-01
Misc : MDL-MDL-S-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
mohammad
6/15/2020 8:47:09 AM

Quant Time: Jun 12 17:37:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 16:44:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	156933	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	623064	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	383484	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	809041	20.00	ng	0.00
76) Chrysene-d12	21.10	240	771283	20.00	ng	-0.01
86) Perylene-d12	23.30	264	854176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1385888	163.41	ng	0.00
7) Phenol-d6	6.78	99	1902639	168.50	ng	0.00
23) Nitrobenzene-d5	8.73	82	1277836	122.48	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	671276	182.83	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2556930	112.11	ng	0.00
79) Terphenyl-d14	19.59	244	3434688	116.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	34315	8.784	ng	99
3) Pyridine	3.55	79	78154	7.361	ng	97
4) n-Nitrosodimethylamine	3.46	42	34744	7.940	ng	98
6) Aniline	6.92	93	127927	8.331	ng	99
8) 2-Chlorophenol	7.16	128	78290	8.210	ng	98
9) Benzaldehyde	6.73	77	76009	13.175	ng	96
10) Phenol	6.80	94	102394	8.361	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	83532	8.170	ng	96
12) 1,3-Dichlorobenzene	7.48	146	86528	7.880	ng	98
13) 1,4-Dichlorobenzene	7.62	146	89214	8.075	ng	98
14) 1,2-Dichlorobenzene	7.94	146	85037	8.035	ng	97
15) Benzyl Alcohol	7.83	79	63655	7.273	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	114677	7.905	ng	100
17) 2-Methylphenol	8.03	107	66542	7.436	ng	96
18) Hexachloroethane	8.66	117	31236	7.761	ng	93
19) n-Nitroso-di-n-propylamine	8.39	70	65660	8.700	ng	98
20) 3+4-Methylphenols	8.36	107	88944	7.365	ng	96
22) Acetophenone	8.40	105	130631	9.332	ng	98
24) Nitrobenzene	8.78	77	101012	9.007	ng	98
25) Isophorone	9.30	82	175853	8.276	ng	99
26) 2-Nitrophenol	9.48	139	37255	7.455	ng	100
27) 2,4-Dimethylphenol	9.56	122	61224	7.809	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	111913	8.842	ng	99
29) 2,4-Dichlorophenol	10.02	162	67516	7.650	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	81585	8.293	ng	97
31) Naphthalene	10.41	128	255205	8.817	ng	99
32) Benzoic acid	9.63	122	13790m	2.312	ng	
33) 4-Chloroaniline	10.52	127	100948	7.988	ng	99
34) Hexachlorobutadiene	10.72	225	44735	7.792	ng	96
35) Caprolactam	11.26	113	23298	7.485	ng	93
36) 4-Chloro-3-methylphenol	11.66	107	75138	7.869	ng	97
37) 2-Methylnaphthalene	12.03	142	182617	8.889	ng	99
38) 1-Methylnaphthalene	12.26	142	171924	8.915	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	92553	9.156	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	36176	6.731	ng		99
43) 2,4,6-Trichlorophenol	12.66	196	52306	7.311	ng		99
44) 2,4,5-Trichlorophenol	12.73	196	59427	7.174	ng		97
46) 1,1'-Biphenyl	13.06	154	242309	9.641	ng		98
47) 2-Chloronaphthalene	13.10	162	178299	8.673	ng		98
48) 2-Nitroaniline	13.30	65	45744	6.970	ng		92
49) Acenaphthylene	13.95	152	283559	8.642	ng		100
50) Dimethylphthalate	13.70	163	218684	8.322	ng		100
51) 2,6-Dinitrotoluene	13.81	165	43379	7.602	ng		92
52) Acenaphthene	14.30	154	172225	8.960	ng		99
53) 3-Nitroaniline	14.14	138	42690	6.552	ng		98
54) 2,4-Dinitrophenol	14.35	184	12378	3.955	ng		95
55) Dibenzofuran	14.64	168	278837	9.010	ng		99
56) 4-Nitrophenol	14.46	139	30885	5.970	ng		94
57) 2,4-Dinitrotoluene	14.60	165	54977	7.078	ng		93
58) Fluorene	15.29	166	216569	8.897	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	51314	7.803	ng		100
60) Diethylphthalate	15.08	149	217086	8.245	ng		98
61) 4-Chlorophenyl-phenylether	15.30	204	110580	9.371	ng		94
62) 4-Nitroaniline	15.30	138	43641	6.970	ng		95
63) Azobenzene	15.59	77	231588	8.837	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	25072	5.873	ng		88
66) n-Nitrosodiphenylamine	15.51	169	192130	9.296	ng		100
67) 4-Bromophenyl-phenylether	16.19	248	63954	8.345	ng		98
68) Hexachlorobenzene	16.31	284	70216	8.634	ng		99
69) Atrazine	16.47	200	66406	9.849	ng		100
70) Pentachlorophenol	16.65	266	29300	6.022	ng		96
71) Phenanthrene	17.03	178	357152	9.437	ng		99
72) Anthracene	17.13	178	353224	9.395	ng		96
73) Carbazole	17.40	167	312502	8.450	ng		99
74) Di-n-butylphthalate	17.99	149	337812	7.718	ng		98
75) Fluoranthene	19.02	202	398535	8.822	ng		98
77) Benzidine	19.20	184	171304	9.940	ng		98
78) Pyrene	19.37	202	422840	8.950	ng		98
80) Butylbenzylphthalate	20.27	149	140779	6.703	ng		98
81) Benzo(a)anthracene	21.08	228	403763	9.171	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	145248	8.878	ng		95
83) Chrysene	21.13	228	399192	9.571	ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	239627	7.844	ng		100
85) Di-n-octyl phthalate	21.90	149	381952	7.128	ng		99
87) Indeno(1,2,3-cd)pyrene	25.50	276	458330	8.579	ng		97
88) Benzo(b)fluoranthene	22.64	252	403881	8.768	ng		97
89) Benzo(k)fluoranthene	22.68	252	394502	9.014	ng	#	97
90) Benzo(a)pyrene	23.20	252	361832	8.382	ng		98
91) Dibenzo(a,h)anthracene	25.52	278	387256	9.036	ng		97
92) Benzo(g,h,i)perylene	26.17	276	387636	8.733	ng		98

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

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