Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071420\
Data File : BP002746.D
Acq On : 14 Jul 2020 12:59
Operator : CG/JU
Sample : L3216-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2020

Quant Time: Jul 14 13:33:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 12:31:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	212564	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	886242	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	562776	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	1199892	20.00	ng		0.00
76) Chrysene-d12	21.07	240	1150908	20.00	ng		0.00
86) Perylene-d12	23.26	264	1089575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1731554	137.44	ng		0.00
7) Phenol-d6	6.76	99	2330920	129.64	ng		0.00
23) Nitrobenzene-d5	8.70	82	1249848	75.43	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	802700	136.64	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	2525421	69.42	ng		0.00
79) Terphenyl-d14	19.55	244	2932452	58.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	26000	4.733	ng		99
3) Pyridine	3.52	79	50319	3.074	ng		93
4) n-Nitrosodimethylamine	3.44	42	23635	3.833	ng	#	96
6) Aniline	6.89	93	87909	3.862	ng		97
8) 2-Chlorophenol	7.12	128	52154	3.721	ng		86
9) Benzaldehyde	6.70	77	52455	5.370	ng		98
10) Phenol	6.78	94	69418	3.769	ng		90
11) bis(2-Chloroethyl)ether	6.99	93	60063	3.921	ng		98
12) 1,3-Dichlorobenzene	7.45	146	60044	3.736	ng		99
13) 1,4-Dichlorobenzene	7.59	146	59731	3.703	ng		97
14) 1,2-Dichlorobenzene	7.90	146	57627	3.705	ng		98
15) Benzyl Alcohol	7.80	79	38521	3.201	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.09	45	83031	3.768	ng		98
17) 2-Methylphenol	8.02	107	43102	3.285	ng		97
18) Hexachloroethane	8.62	117	21155	3.703	ng		98
19) n-Nitroso-di-n-propylamine	8.36	70	42367	3.869	ng		97
20) 3+4-Methylphenols	8.35	107	57554	3.317	ng		93
22) Acetophenone	8.37	105	87503	4.005	ng		99
24) Nitrobenzene	8.74	77	69473	3.871	ng		97
25) Isophorone	9.26	82	117979	3.493	ng		99
26) 2-Nitrophenol	9.45	139	23101	2.980	ng		98
27) 2,4-Dimethylphenol	9.53	122	43217	3.434	ng		97
28) bis(2-Chloroethoxy)methane	9.76	93	78016	3.803	ng		98
29) 2,4-Dichlorophenol	10.00	162	43433	3.131	ng		97
30) 1,2,4-Trichlorobenzene	10.19	180	55892	3.517	ng		97
31) Naphthalene	10.37	128	175401	3.749	ng		99
32) Benzoic acid	9.70	122	8633m	1.004	ng		
33) 4-Chloroaniline	10.50	127	65875	3.286	ng		99
34) Hexachlorobutadiene	10.67	225	30984	3.373	ng		100
35) Caprolactam	11.25	113	13015	2.683	ng		98
36) 4-Chloro-3-methylphenol	11.65	107	48212	3.224	ng		100
37) 2-Methylnaphthalene	12.00	142	124034	3.757	ng		98
38) 1-Methylnaphthalene	12.22	142	117994	3.778	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	63789	3.688	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	7862	1.263	ng		92
43) 2,4,6-Trichlorophenol	12.63	196	30849	2.787	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	33466	2.606	ng		94
46) 1,1'-Biphenyl	13.03	154	173430	4.134	ng		98
47) 2-Chloronaphthalene	13.06	162	120893	3.548	ng		97
48) 2-Nitroaniline	13.28	65	28489	2.705	ng		89
49) Acenaphthylene	13.92	152	193472	3.601	ng		99
50) Dimethylphthalate	13.67	163	152418	3.551	ng		99
51) 2,6-Dinitrotoluene	13.78	165	28260	3.076	ng	#	82
52) Acenaphthene	14.26	154	119262	3.715	ng		100
53) 3-Nitroaniline	14.12	138	27342	2.660	ng		96
54) 2,4-Dinitrophenol	14.37	184	1574m	0.436	ng		
55) Dibenzofuran	14.60	168	191902	3.727	ng		98
56) 4-Nitrophenol	14.50	139	10907m	1.521	ng		
57) 2,4-Dinitrotoluene	14.59	165	33978	2.808	ng	#	83
58) Fluorene	15.26	166	148361	3.894	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	29710	2.935	ng		99
60) Diethylphthalate	15.05	149	148789	3.576	ng		98
61) 4-Chlorophenyl-phenylether	15.26	204	77024	3.805	ng		99
62) 4-Nitroaniline	15.29	138	25866	2.542	ng		96
63) Azobenzene	15.56	77	161614	3.777	ng		97
65) 4,6-Dinitro-2-methylphenol	15.37	198	10446	1.607	ng		88
66) n-Nitrosodiphenylamine	15.48	169	131610	3.713	ng		98
67) 4-Bromophenyl-phenylether	16.16	248	42376	3.242	ng		94
68) Hexachlorobenzene	16.27	284	48319	3.509	ng		96
69) Atrazine	16.44	200	39025	4.033	ng		94
70) Pentachlorophenol	16.65	266	7308m	1.355	ng		
71) Phenanthrene	17.00	178	245815	3.784	ng		99
72) Anthracene	17.10	178	234822	3.683	ng		98
73) Carbazole	17.37	167	208594	3.334	ng		97
74) Di-n-butylphthalate	17.95	149	224154	3.304	ng		99
75) Fluoranthene	18.99	202	268559	3.568	ng		98
77) Benzidine	19.18	184	79102	2.773	ng		100
78) Pyrene	19.35	202	285497	3.593	ng		99
80) Butylbenzylphthalate	20.23	149	91312	2.912	ng		91
81) Benzo(a)anthracene	21.05	228	269246	3.614	ng		99
82) 3,3'-Dichlorobenzidine	21.00	252	78207	3.170	ng		97
83) Chrysene	21.10	228	261439	3.687	ng		98
84) Bis(2-ethylhexyl)phthalate	21.00	149	143801	3.297	ng		97
85) Di-n-octyl phthalate	21.86	149	227220	2.898	ng		96
87) Indeno(1,2,3-cd)pyrene	25.45	276	238222	3.025	ng		97
88) Benzo(b)fluoranthene	22.60	252	229757	3.396	ng		99
89) Benzo(k)fluoranthene	22.65	252	259761	3.898	ng		98
90) Benzo(a)pyrene	23.16	252	215037	3.354	ng		98
91) Dibenzo(a,h)anthracene	25.46	278	197092	3.103	ng		97
92) Benzo(g,h,i)perylene	26.12	276	197772	3.071	ng		99

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

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