Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
Data File : BP002643.D
Acq On : 06 Jul 2020 11:54
Operator : CG/JU
Sample : L2182-01
Misc : LOD-MDL-SOIL-01-4PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 14:32:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

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

Manual Integrations APPROVED
Sohil
7/7/2020 8:21:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	213619	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	758983	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	440566	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	881393	20.00	ng		0.00
76) Chrysene-d12	21.09	240	931509	20.00	ng		0.00
86) Perylene-d12	23.28	264	1044619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1378110	109.23	ng		0.00
7) Phenol-d6	6.76	99	1760220	99.96	ng		0.00
23) Nitrobenzene-d5	8.72	82	1553275	105.45	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	638834	119.22	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	3288514	109.86	ng		0.00
79) Terphenyl-d14	19.57	244	4037925	93.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	21299	3.939	ng		98
3) Pyridine	3.53	79	46971	2.931	ng		97
4) n-Nitrosodimethylamine	3.45	42	19568	2.876	ng	#	98
6) Aniline	6.90	93	79019	3.572	ng		98
8) 2-Chlorophenol	7.14	128	51562	3.679	ng		96
9) Benzaldehyde	6.72	77	45758	3.917	ng		97
10) Phenol	6.79	94	63792	3.592	ng		95
11) bis(2-Chloroethyl)ether	7.00	93	49675	3.408	ng		99
12) 1,3-Dichlorobenzene	7.46	146	60603	3.747	ng		96
13) 1,4-Dichlorobenzene	7.60	146	62103	3.769	ng		96
14) 1,2-Dichlorobenzene	7.92	146	58086	3.663	ng		96
15) Benzyl Alcohol	7.82	79	34980	2.644	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	70363	3.465	ng		98
17) 2-Methylphenol	8.03	107	41026	3.086	ng		92
18) Hexachloroethane	8.63	117	21578	3.629	ng		96
19) n-Nitroso-di-n-propylamine	8.37	70	34931	3.023	ng		99
20) 3+4-Methylphenols	8.35	107	51374	2.867	ng		91
22) Acetophenone	8.39	105	74491	3.878	ng	#	96
24) Nitrobenzene	8.76	77	59431	3.812	ng		98
25) Isophorone	9.28	82	92933	3.148	ng		99
26) 2-Nitrophenol	9.47	139	21905	3.081	ng		97
27) 2,4-Dimethylphenol	9.55	122	42391	3.934	ng		97
28) bis(2-Chloroethoxy)methane	9.77	93	61069	3.601	ng		99
29) 2,4-Dichlorophenol	10.02	162	43204	3.479	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	55761	3.989	ng		100
31) Naphthalene	10.39	128	154834	3.854	ng		99
32) Benzoic acid	9.70	122	2675m	8.958	ng		
33) 4-Chloroaniline	10.51	127	57813	3.290	ng		98
34) Hexachlorobutadiene	10.69	225	34016	3.975	ng		97
35) Caprolactam	11.25	113	10810	2.590	ng		94
36) 4-Chloro-3-methylphenol	11.66	107	39570	2.907	ng		99
37) 2-Methylnaphthalene	12.02	142	106167	3.624	ng		95
38) 1-Methylnaphthalene	12.23	142	100900	3.657	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	61715	4.486	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	8720	5.529	ng	97
43) 2,4,6-Trichlorophenol	12.65	196	30289	3.254	ng	96
44) 2,4,5-Trichlorophenol	12.73	196	32121	2.998	ng	96
46) 1,1'-Biphenyl	13.05	154	145253	4.359	ng	99
47) 2-Chloronaphthalene	13.08	162	104277	3.844	ng	97
48) 2-Nitroaniline	13.30	65	21091	2.437	ng	99
49) Acenaphthylene	13.93	152	156638	3.669	ng	99
50) Dimethylphthalate	13.68	163	116832	3.376	ng	99
51) 2,6-Dinitrotoluene	13.79	165	21284	2.848	ng	99
52) Acenaphthene	14.28	154	93797	3.724	ng	94
53) 3-Nitroaniline	14.13	138	19376	2.381	ng	98
54) 2,4-Dinitrophenol	14.40	184	1225m	6.252	ng	
55) Dibenzofuran	14.62	168	156788	3.841	ng	97
56) 4-Nitrophenol	14.52	139	7888	3.627	ng	91
57) 2,4-Dinitrotoluene	14.60	165	24932	2.480	ng	96
58) Fluorene	15.27	166	116210	3.738	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	25972	3.000	ng	95
60) Diethylphthalate	15.06	149	109447	3.181	ng	98
61) 4-Chlorophenyl-phenylether	15.28	204	62921	3.774	ng	89
62) 4-Nitroaniline	15.31	138	16892	2.077	ng	93
63) Azobenzene	15.57	77	105591	3.174	ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	7644	3.981	ng	96
66) n-Nitrosodiphenylamine	15.49	169	99263	3.858	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	37406	3.777	ng	95
68) Hexachlorobenzene	16.29	284	43079	4.060	ng	99
69) Atrazine	16.46	200	34802	4.215	ng	98
70) Pentachlorophenol	16.66	266	8966	4.091	ng	89
71) Phenanthrene	17.02	178	185692	3.916	ng	99
72) Anthracene	17.11	178	182717	3.872	ng	99
73) Carbazole	17.39	167	158208	3.469	ng	99
74) Di-n-butylphthalate	17.96	149	164529	3.063	ng	99
75) Fluoranthene	19.00	202	213307	3.716	ng	100
77) Benzidine	19.19	184	88401	5.836	ng	97
78) Pyrene	19.36	202	222570	3.510	ng	97
80) Butylbenzylphthalate	20.25	149	77405	2.796	ng	97
81) Benzo(a)anthracene	21.07	228	226631	3.721	ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	89910	4.033	ng	99
83) Chrysene	21.12	228	220925	3.783	ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	122984	3.094	ng	99
85) Di-n-octyl phthalate	21.89	149	224455	3.197	ng	98
87) Indeno(1,2,3-cd)pyrene	25.49	276	307169	4.084	ng	99
88) Benzo(b)fluoranthene	22.62	252	235137	3.528	ng	99
89) Benzo(k)fluoranthene	22.67	252	240162	3.862	ng	96
90) Benzo(a)pyrene	23.19	252	222186	3.632	ng	99
91) Dibenzo(a,h)anthracene	25.50	278	258529	4.206	ng	100
92) Benzo(g,h,i)perylene	26.16	276	262037	4.263	ng	97

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

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