Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002732.D
Acq On : 13 Jul 2020 12:57
Operator : CG/JU
Sample : L3216-02
Misc : LOO-SOIL-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2020

Quant Time: Jul 13 13:25:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	141725	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	590656	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	374192	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	796350	20.00	ng	0.00
76) Chrysene-d12	21.07	240	797500	20.00	ng	0.00
86) Perylene-d12	23.26	264	783099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	856970	102.02	ng	0.00
7) Phenol-d6	6.75	99	1233932	102.93	ng	0.00
23) Nitrobenzene-d5	8.70	82	832505	75.38	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	406940	104.18	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1862744	77.01	ng	0.00
79) Terphenyl-d14	19.55	244	2204165	63.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	40059	10.938	ng	99
3) Pyridine	3.52	79	83864	7.684	ng	98
4) n-Nitrosodimethylamine	3.43	42	38333	9.323	ng	92
6) Aniline	6.89	93	145532	9.589	ng	99
8) 2-Chlorophenol	7.13	128	88541	9.474	ng	98
9) Benzaldehyde	6.70	77	82246	12.627	ng	96
10) Phenol	6.78	94	117104	9.536	ng	97
11) bis(2-Chloroethyl)ether	6.99	93	94511	9.253	ng	99
12) 1,3-Dichlorobenzene	7.45	146	99818	9.314	ng	98
13) 1,4-Dichlorobenzene	7.59	146	101566	9.444	ng	99
14) 1,2-Dichlorobenzene	7.90	146	98494	9.497	ng	98
15) Benzyl Alcohol	7.80	79	66085	8.238	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	136007	9.258	ng	99
17) 2-Methylphenol	8.02	107	73267	8.374	ng	98
18) Hexachloroethane	8.62	117	34483	9.052	ng	93
19) n-Nitroso-di-n-propylamine	8.36	70	69611	9.535	ng	96
20) 3+4-Methylphenols	8.35	107	96904	8.376	ng	97
22) Acetophenone	8.37	105	144810	9.945	ng	97
24) Nitrobenzene	8.74	77	109412	9.148	ng	99
25) Isophorone	9.26	82	189061	8.400	ng	100
26) 2-Nitrophenol	9.46	139	39512	7.649	ng	96
27) 2,4-Dimethylphenol	9.53	122	77294	9.216	ng	98
28) bis(2-Chloroethoxy)methane	9.76	93	123779	9.054	ng	99
29) 2,4-Dichlorophenol	10.00	162	77256	8.355	ng	98
30) 1,2,4-Trichlorobenzene	10.20	180	94022	8.878	ng	100
31) Naphthalene	10.38	128	290809	9.326	ng	100
32) Benzoic acid	9.68	122	12370	8.688	ng	92
33) 4-Chloroaniline	10.50	127	111919	8.376	ng	99
34) Hexachlorobutadiene	10.68	225	52319	8.547	ng	99
35) Caprolactam	11.24	113	23392	7.236	ng	92
36) 4-Chloro-3-methylphenol	11.65	107	82828	8.310	ng	99
37) 2-Methylnaphthalene	12.00	142	206006	9.362	ng	96
38) 1-Methylnaphthalene	12.22	142	196979	9.464	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	107749	9.370	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002732.D
Acq On : 13 Jul 2020 12:57
Operator : CG/JU
Sample : L3216-02
Misc : LOO-SOIL-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2020

Quant Time: Jul 13 13:25:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	17621	10.572	ng	95
43) 2,4,6-Trichlorophenol	12.64	196	56835	7.721	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	62611	7.334	ng	96
46) 1,1'-Biphenyl	13.03	154	276067	9.896	ng	99
47) 2-Chloronaphthalene	13.07	162	200760	8.860	ng	98
48) 2-Nitroaniline	13.29	65	49451	7.060	ng	96
49) Acenaphthylene	13.92	152	325520	9.113	ng	98
50) Dimethylphthalate	13.67	163	249265	8.735	ng	99
51) 2,6-Dinitrotoluene	13.79	165	48443	7.929	ng	96
52) Acenaphthene	14.27	154	194230	9.099	ng	100
53) 3-Nitroaniline	14.12	138	47972	7.018	ng	95
54) 2,4-Dinitrophenol	14.37	184	3704	12.306	ng	95
55) Dibenzofuran	14.61	168	317804	9.282	ng	98
56) 4-Nitrophenol	14.49	139	23070	8.922	ng	94
57) 2,4-Dinitrotoluene	14.59	165	61860	7.688	ng	92
58) Fluorene	15.26	166	248909	9.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.85	232	53442	7.941	ng	99
60) Diethylphthalate	15.05	149	239294	8.649	ng	98
61) 4-Chlorophenyl-phenylether	15.26	204	127448	9.468	ng	100
62) 4-Nitroaniline	15.29	138	48650	7.874	ng	94
63) Azobenzene	15.56	77	253788	8.921	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	21414	9.272	ng	91
66) n-Nitrosodiphenylamine	15.48	169	218445	9.286	ng	98
67) 4-Bromophenyl-phenylether	16.16	248	71905	8.289	ng	99
68) Hexachlorobenzene	16.28	284	81753	8.945	ng	99
69) Atrazine	16.45	200	67936	10.578	ng	98
70) Pentachlorophenol	16.64	266	12832	10.074	ng	98
71) Phenanthrene	17.00	178	407596	9.453	ng	98
72) Anthracene	17.10	178	397447	9.393	ng	99
73) Carbazole	17.37	167	364736	8.785	ng	99
74) Di-n-butylphthalate	17.95	149	363661	8.076	ng	99
75) Fluoranthene	18.99	202	461859	9.244	ng	99
77) Benzidine	19.19	184	161219	8.156	ng	100
78) Pyrene	19.35	202	489792	8.895	ng	98
80) Butylbenzylphthalate	20.24	149	154121	7.093	ng	96
81) Benzo(a)anthracene	21.06	228	465739	9.022	ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	150045	8.776	ng	99
83) Chrysene	21.11	228	444228	9.040	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	239325	7.919	ng	100
85) Di-n-octyl phthalate	21.87	149	389759	7.174	ng	97
87) Indeno(1,2,3-cd)pyrene	25.46	276	509846	9.008	ng	98
88) Benzo(b)fluoranthene	22.61	252	427015	8.782	ng	99
89) Benzo(k)fluoranthene	22.65	252	459757	9.599	ng	99
90) Benzo(a)pyrene	23.17	252	393948	8.549	ng	98
91) Dibenzo(a,h)anthracene	25.47	278	421012	9.223	ng	98
92) Benzo(g,h,i)perylene	26.13	276	422223	9.123	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002732.D
Acq On : 13 Jul 2020 12:57
Operator : CG/JU
Sample : L3216-02
Misc : LOO-SOIL-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Quant Time: Jul 13 13:25:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration