Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
Data File : BP003690.D
Acq On : 21 Oct 2020 13:34
Operator : CG/JU
Sample : L4214-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT4-2020

Quant Time: Oct 21 14:52:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:27:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.522	152	132677	20.00	ng		0.00
21) Naphthalene-d8	11.369	136	467905	20.00	ng	#	0.00
39) Acenaphthene-d10	15.122	164	314612	20.00	ng		0.00
64) Phenanthrene-d10	17.840	188	713840	20.00	ng		0.00
76) Chrysene-d12	21.845	240	750104	20.00	ng	#	0.00
86) Perylene-d12	24.416	264	702891	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1160769	146.30	ng		0.00
7) Phenol-d6	7.675	99	1556256	138.83	ng		0.00
23) Nitrobenzene-d5	9.693	82	1096643	99.15	ng		0.00
42) 2,4,6-Tribromophenol	16.593	330	724113	147.53	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	2521811	103.62	ng		0.00
79) Terphenyl-d14	20.304	244	4303334	100.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	26009	7.67	ng	#	86
3) Pyridine	4.134	79	74317	7.75	ng		90
4) n-Nitrosodimethylamine	4.023	42	30393	7.43	ng	#	64
6) Aniline	7.822	93	102329	8.22	ng	#	88
8) 2-Chlorophenol	8.093	128	60999	7.72	ng		83
9) Benzaldehyde	7.622	77	59114	10.00	ng	#	78
10) Phenol	7.699	94	85097	7.97	ng	#	72
11) bis(2-Chloroethyl)ether	7.905	93	65508	7.73	ng		88
12) 1,3-Dichlorobenzene	8.422	146	75607	7.42	ng	#	90
13) 1,4-Dichlorobenzene	8.564	146	76053	7.39	ng	#	95
14) 1,2-Dichlorobenzene	8.899	146	71972	7.38	ng		93
15) Benzyl Alcohol	8.752	79	62579	7.30	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	9.046	45	62874	7.49	ng		95
17) 2-Methylphenol	8.969	107	52544	7.43	ng	#	90
18) Hexachloroethane	9.652	117	28642	7.22	ng		94
19) n-Nitroso-di-n-propyla...	9.322	70	52510	7.67	ng	#	87
20) 3+4-Methylphenols	9.299	107	70971	7.46	ng		92
22) Acetophenone	9.340	105	103046	7.53	ng	#	87
24) Nitrobenzene	9.734	77	85999	8.08	ng	#	78
25) Isophorone	10.258	82	136180	7.64	ng	#	89
26) 2-Nitrophenol	10.463	139	27477	6.91	ng	#	66
27) 2,4-Dimethylphenol	10.516	122	53077	8.50	ng		89
28) bis(2-Chloroethoxy)met...	10.728	93	84095	7.40	ng		98
29) 2,4-Dichlorophenol	11.010	162	59349	7.24	ng		92
30) 1,2,4-Trichlorobenzene	11.234	180	77737	7.40	ng		96
31) Naphthalene	11.422	128	191683	7.60	ng		99
32) Benzoic acid	10.593	122	12307	3.32	ng	#	61
33) 4-Chloroaniline	11.499	127	79160	7.61	ng	#	86
34) Hexachlorobutadiene	11.728	225	55824	7.05	ng		98
35) Caprolactam	12.193	113	16549	6.90	ng	#	69
36) 4-Chloro-3-methylphenol	12.599	107	65222	7.34	ng	#	82
37) 2-Methylnaphthalene	12.981	142	138518	7.57	ng	#	93
38) 1-Methylnaphthalene	13.199	142	129448	7.48	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.357	216	94857	7.61	ng		98
41) Hexachlorocyclopentadiene	13.352	237	56584	7.84	ng		97
43) 2,4,6-Trichlorophenol	13.575	196	49383	6.66	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.646	196	54161	7.03	ng	#	93
46) 1,1'-Biphenyl	13.957	154	189332	7.72	ng		96
47) 2-Chloronaphthalene	14.010	162	147144	7.17	ng		99
48) 2-Nitroaniline	14.181	65	36352	6.00	ng	#	58
49) Acenaphthylene	14.846	152	214121	7.31	ng		99
50) Dimethylphthalate	14.540	163	188338	7.29	ng		98
51) 2,6-Dinitrotoluene	14.651	165	38670	7.35	ng	#	64
52) Acenaphthene	15.181	154	141175	7.14	ng		93
53) 3-Nitroaniline	14.981	138	34115	6.61	ng	#	67
54) 2,4-Dinitrophenol	15.187	184	10717	4.45	ng	#	1
55) Dibenzofuran	15.510	168	228366	7.64	ng		99
56) 4-Nitrophenol	15.287	139	24255	6.28	ng	#	48
57) 2,4-Dinitrotoluene	15.434	165	48342	6.80	ng	#	61
58) Fluorene	16.151	166	181023	7.51	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.740	232	49464	6.70	ng		91
60) Diethylphthalate	15.881	149	179532	7.09	ng		99
61) 4-Chlorophenyl-phenyle...	16.128	204	106417	7.30	ng		94
62) 4-Nitroaniline	16.134	138	35357	6.18	ng	#	63
63) Azobenzene	16.416	77	177095	7.44	ng		85
65) 4,6-Dinitro-2-methylph...	16.204	198	22060	5.86	ng		89
66) n-Nitrosodiphenylamine	16.334	169	156637	7.37	ng		98
67) 4-Bromophenyl-phenylether	17.016	248	65821	6.89	ng		97
68) Hexachlorobenzene	17.181	284	78489	7.14	ng		95
69) Atrazine	17.251	200	55551	6.70	ng		97
70) Pentachlorophenol	17.504	266	29295	5.39	ng		95
71) Phenanthrene	17.881	178	293544	7.40	ng		99
72) Anthracene	17.963	178	288180	7.52	ng		99
73) Carbazole	18.210	167	251808	7.39	ng		99
74) Di-n-butylphthalate	18.716	149	272484	6.55	ng	#	98
75) Fluoranthene	19.792	202	351577	7.21	ng		97
77) Benzidine	19.928	184	146022	8.12	ng		99
78) Pyrene	20.139	202	368224	7.33	ng		99
80) Butylbenzylphthalate	20.939	149	106628	5.79	ng	#	81
81) Benzo(a)anthracene	21.828	228	364609	7.29	ng		99
82) 3,3'-Dichlorobenzidine	21.733	252	131509	7.51	ng	#	98
83) Chrysene	21.886	228	351510	7.41	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	159731	6.06	ng		98
85) Di-n-octyl phthalate	22.651	149	262540	6.14	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.092	276	355809	7.05	ng	#	92
88) Benzo(b)fluoranthene	23.627	252	356868	7.28	ng	#	97
89) Benzo(k)fluoranthene	23.674	252	347223	7.42	ng	#	96
90) Benzo(a)pyrene	24.304	252	302847	6.93	ng	#	95
91) Dibenzo(a,h)anthracene	27.086	278	300497	7.13	ng	#	93
92) Benzo(g,h,i)perylene	27.915	276	285576	7.31	ng	#	91

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

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