Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
Data File : BP003677.D
Acq On : 20 Oct 2020 12:57
Operator : CG/JU
Sample : L4214-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2020

Quant Time: Oct 20 13:35:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 12:55:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	117665	20.00	ng	#	0.00
21) Naphthalene-d8	11.369	136	415908	20.00	ng	#	0.00
39) Acenaphthene-d10	15.122	164	279294	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	616875	20.00	ng		0.00
76) Chrysene-d12	21.851	240	633931	20.00	ng	#	0.00
86) Perylene-d12	24.421	264	587826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1035759	147.20	ng		0.00
7) Phenol-d6	7.675	99	1375270	138.33	ng		0.00
23) Nitrobenzene-d5	9.693	82	977397	99.41	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	623929	143.19	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	2234390	103.42	ng		0.00
79) Terphenyl-d14	20.310	244	3672176	101.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	23872	7.94	ng	#	88
3) Pyridine	4.128	79	62402	7.34	ng	#	88
4) n-Nitrosodimethylamine	4.022	42	27605	7.61	ng	#	61
6) Aniline	7.822	93	90370	8.19	ng	#	83
8) 2-Chlorophenol	8.093	128	54256	7.74	ng	#	80
9) Benzaldehyde	7.622	77	54673	10.42	ng	#	77
10) Phenol	7.699	94	74185	7.84	ng		71
11) bis(2-Chloroethyl)ether	7.905	93	57248	7.62	ng		90
12) 1,3-Dichlorobenzene	8.422	146	66302	7.34	ng	#	91
13) 1,4-Dichlorobenzene	8.563	146	66865	7.33	ng	#	90
14) 1,2-Dichlorobenzene	8.899	146	64268	7.43	ng	#	92
15) Benzyl Alcohol	8.752	79	56244	7.40	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	9.052	45	55580	7.46	ng		99
17) 2-Methylphenol	8.975	107	47697	7.61	ng	#	90
18) Hexachloroethane	9.652	117	25186	7.16	ng		91
19) n-Nitroso-di-n-propyla...	9.322	70	45878	7.55	ng	#	85
20) 3+4-Methylphenols	9.299	107	62676	7.42	ng		91
22) Acetophenone	9.346	105	92325	7.59	ng	#	88
24) Nitrobenzene	9.734	77	75715	8.00	ng	#	76
25) Isophorone	10.257	82	121346	7.66	ng	#	89
26) 2-Nitrophenol	10.463	139	24127	6.82	ng	#	63
27) 2,4-Dimethylphenol	10.516	122	47968	8.64	ng	#	80
28) bis(2-Chloroethoxy)met...	10.728	93	74434	7.37	ng	#	96
29) 2,4-Dichlorophenol	11.016	162	52761	7.24	ng		92
30) 1,2,4-Trichlorobenzene	11.234	180	67384	7.22	ng		99
31) Naphthalene	11.422	128	171307	7.64	ng		99
32) Benzoic acid	10.593	122	10504	3.19	ng	#	56
33) 4-Chloroaniline	11.504	127	68961	7.46	ng	#	85
34) Hexachlorobutadiene	11.734	225	49891	7.08	ng		97
35) Caprolactam	12.198	113	13971	6.55	ng	#	58
36) 4-Chloro-3-methylphenol	12.598	107	56677	7.17	ng		85
37) 2-Methylnaphthalene	12.987	142	125199	7.70	ng	#	94
38) 1-Methylnaphthalene	13.204	142	113941	7.41	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.357	216	82698	7.48	ng		98
41) Hexachlorocyclopentadiene	13.357	237	53165	8.30	ng		98
43) 2,4,6-Trichlorophenol	13.581	196	44641	6.78	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	47700	6.98	ng	#	93
46) 1,1'-Biphenyl	13.963	154	167426	7.69	ng		98
47) 2-Chloronaphthalene	14.010	162	129803	7.13	ng		99
48) 2-Nitroaniline	14.181	65	33230	6.18	ng	#	56
49) Acenaphthylene	14.845	152	189851	7.30	ng		98
50) Dimethylphthalate	14.540	163	163232	7.11	ng		99
51) 2,6-Dinitrotoluene	14.657	165	32429	6.95	ng	#	60
52) Acenaphthene	15.187	154	123016	7.01	ng		95
53) 3-Nitroaniline	14.987	138	29663	6.47	ng	#	59
54) 2,4-Dinitrophenol	15.192	184	8906	4.16	ng	#	1
55) Dibenzofuran	15.510	168	199079	7.50	ng		95
56) 4-Nitrophenol	15.287	139	22008	6.42	ng	#	48
57) 2,4-Dinitrotoluene	15.439	165	41816	6.62	ng	#	66
58) Fluorene	16.157	166	160083	7.48	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.739	232	42552	6.49	ng		91
60) Diethylphthalate	15.887	149	155388	6.91	ng		98
61) 4-Chlorophenyl-phenyle...	16.128	204	93756	7.24	ng		97
62) 4-Nitroaniline	16.134	138	31177	6.13	ng	#	55
63) Azobenzene	16.422	77	155727	7.37	ng		85
65) 4,6-Dinitro-2-methylph...	16.210	198	19438	5.98	ng		89
66) n-Nitrosodiphenylamine	16.334	169	137080	7.46	ng		97
67) 4-Bromophenyl-phenylether	17.022	248	57694	6.99	ng		97
68) Hexachlorobenzene	17.181	284	66781	7.03	ng		95
69) Atrazine	17.257	200	46718	6.52	ng		94
70) Pentachlorophenol	17.504	266	25834	5.50	ng		98
71) Phenanthrene	17.881	178	254180	7.41	ng		99
72) Anthracene	17.969	178	254051	7.67	ng		99
73) Carbazole	18.210	167	215221	7.31	ng		98
74) Di-n-butylphthalate	18.716	149	236784	6.59	ng	#	97
75) Fluoranthene	19.792	202	302417	7.18	ng		97
77) Benzidine	19.933	184	131213	8.64	ng		99
78) Pyrene	20.139	202	315032	7.42	ng		97
80) Butylbenzylphthalate	20.945	149	91828	5.90	ng	#	85
81) Benzo(a)anthracene	21.833	228	305096	7.22	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	112391	7.59	ng		99
83) Chrysene	21.886	228	296786	7.41	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	136458	6.13	ng		98
85) Di-n-octyl phthalate	22.657	149	216729	6.00	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.092	276	295546	7.00	ng	#	92
88) Benzo(b)fluoranthene	23.633	252	300241	7.32	ng	#	96
89) Benzo(k)fluoranthene	23.680	252	276480	7.06	ng	#	96
90) Benzo(a)pyrene	24.304	252	250323	6.84	ng	#	96
91) Dibenzo(a,h)anthracene	27.092	278	246904	7.00	ng	#	93
92) Benzo(g,h,i)perylene	27.921	276	236610	7.24	ng	#	91

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

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