Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
Data File : BP003676.D
Acq On : 20 Oct 2020 12:19
Operator : CG/JU
Sample : L4214-01
Misc : LOD-MDL-SOIL 4PPM
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/21/2020 12:51:03 PM

Quant Time: Oct 20 12:56:11 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	129209	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	453651	20.00	ng		# 0.00
39) Acenaphthene-d10	15.128	164	311894	20.00	ng		0.00
64) Phenanthrene-d10	17.845	188	646242	20.00	ng		0.00
76) Chrysene-d12	21.851	240	706244	20.00	ng		# 0.00
86) Perylene-d12	24.427	264	695224	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1039338	134.51	ng		0.00
7) Phenol-d6	7.675	99	1457086	133.47	ng		0.00
23) Nitrobenzene-d5	9.699	82	1033892	96.41	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	805682	165.58	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	2505951	103.87	ng		0.00
79) Terphenyl-d14	20.310	244	4005136	99.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	11681	3.54	ng	#	86
3) Pyridine	4.128	79	31733	3.40	ng	#	90
4) n-Nitrosodimethylamine	4.023	42	13765	3.46	ng	#	57
6) Aniline	7.822	93	47417	3.91	ng	#	88
8) 2-Chlorophenol	8.093	128	28292	3.68	ng	#	81
9) Benzaldehyde	7.622	77	27728	4.81	ng	#	71
10) Phenol	7.699	94	38711	3.72	ng		70
11) bis(2-Chloroethyl)ether	7.905	93	31128	3.77	ng		89
12) 1,3-Dichlorobenzene	8.422	146	35892	3.62	ng	#	92
13) 1,4-Dichlorobenzene	8.563	146	36046	3.60	ng	#	90
14) 1,2-Dichlorobenzene	8.899	146	34382	3.62	ng		96
15) Benzyl Alcohol	8.752	79	27783	3.33	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	9.058	45	28782	3.52	ng		99
17) 2-Methylphenol	8.969	107	24934	3.62	ng	#	87
18) Hexachloroethane	9.652	117	13284	3.44	ng		83
19) n-Nitroso-di-n-propyla...	9.322	70	22724	3.41	ng	#	82
20) 3+4-Methylphenols	9.299	107	31971	3.45	ng		86
22) Acetophenone	9.346	105	47552	3.58	ng	#	86
24) Nitrobenzene	9.734	77	42440m	4.11	ng		
25) Isophorone	10.257	82	61376	3.55	ng	#	91
26) 2-Nitrophenol	10.463	139	11788	3.06	ng	#	56
27) 2,4-Dimethylphenol	10.516	122	25554	4.22	ng	#	72
28) bis(2-Chloroethoxy)met...	10.728	93	39758	3.61	ng		95
29) 2,4-Dichlorophenol	11.010	162	26920	3.39	ng		94
30) 1,2,4-Trichlorobenzene	11.240	180	38149	3.75	ng		98
31) Naphthalene	11.422	128	90542	3.70	ng		99
32) Benzoic acid	10.581	122	5386	1.50	ng		86
33) 4-Chloroaniline	11.504	127	35826	3.55	ng	#	83
34) Hexachlorobutadiene	11.734	225	27165	3.54	ng		97
35) Caprolactam	12.193	113	6985	3.00	ng	#	74
36) 4-Chloro-3-methylphenol	12.599	107	29413	3.41	ng	#	78
37) 2-Methylnaphthalene	12.987	142	65041	3.67	ng	#	93
38) 1-Methylnaphthalene	13.204	142	61358	3.66	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.363	216	46255	3.74	ng		98
41) Hexachlorocyclopentadiene	13.357	237	28744	4.02	ng		96
43) 2,4,6-Trichlorophenol	13.581	196	22783	3.10	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	25226	3.30	ng	#	93
46) 1,1'-Biphenyl	13.963	154	90783	3.73	ng		97
47) 2-Chloronaphthalene	14.016	162	70389	3.46	ng		96
48) 2-Nitroaniline	14.187	65	15435	2.57	ng	#	62
49) Acenaphthylene	14.851	152	101062	3.48	ng		98
50) Dimethylphthalate	14.546	163	88779	3.46	ng		99
51) 2,6-Dinitrotoluene	14.657	165	17010	3.26	ng	#	64
52) Acenaphthene	15.187	154	67546	3.45	ng		94
53) 3-Nitroaniline	14.993	138	14406	2.82	ng	#	64
54) 2,4-Dinitrophenol	15.193	184	4418	1.85	ng	#	1
55) Dibenzofuran	15.516	168	111734	3.77	ng		100
56) 4-Nitrophenol	15.293	139	11028	2.88	ng	#	46
57) 2,4-Dinitrotoluene	15.440	165	21931	3.11	ng	#	72
58) Fluorene	16.157	166	89761	3.75	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.745	232	23092	3.15	ng		90
60) Diethylphthalate	15.887	149	84432	3.36	ng		97
61) 4-Chlorophenyl-phenyle...	16.134	204	53896	3.73	ng		93
62) 4-Nitroaniline	16.140	138	14884	2.62	ng	#	58
63) Azobenzene	16.422	77	79616	3.37	ng		88
65) 4,6-Dinitro-2-methylph...	16.210	198	9114	2.68	ng		88
66) n-Nitrosodiphenylamine	16.340	169	75753	3.94	ng		100
67) 4-Bromophenyl-phenylether	17.022	248	34458	3.98	ng		97
68) Hexachlorobenzene	17.187	284	40666	4.08	ng		97
69) Atrazine	17.257	200	23374	3.12	ng		96
70) Pentachlorophenol	17.510	266	11454	2.33	ng		86
71) Phenanthrene	17.881	178	133500	3.72	ng		99
72) Anthracene	17.969	178	128481	3.70	ng		99
73) Carbazole	18.216	167	108325	3.51	ng		98
74) Di-n-butylphthalate	18.722	149	111952	2.97	ng	#	96
75) Fluoranthene	19.798	202	154433	3.50	ng		96
77) Benzidine	19.933	184	61423	3.63	ng		98
78) Pyrene	20.145	202	164664	3.48	ng		97
80) Butylbenzylphthalate	20.945	149	45276	2.61	ng	#	81
81) Benzo(a)anthracene	21.833	228	164863	3.50	ng		98
82) 3,3'-Dichlorobenzidine	21.739	252	57394	3.48	ng		97
83) Chrysene	21.892	228	161634	3.62	ng		97
84) Bis(2-ethylhexyl)phtha...	21.698	149	69065	2.78	ng		100
85) Di-n-octyl phthalate	22.663	149	111701	2.77	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.098	276	161519	3.24	ng	#	91
88) Benzo(b)fluoranthene	23.633	252	164477	3.39	ng	#	96
89) Benzo(k)fluoranthene	23.686	252	152209	3.29	ng	#	95
90) Benzo(a)pyrene	24.310	252	135094	3.12	ng	#	96
91) Dibenzo(a,h)anthracene	27.104	278	135839	3.26	ng	#	93
92) Benzo(g,h,i)perylene	27.933	276	132236	3.42	ng	#	91

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

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