Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032521\
Data File : BP005046.D
Acq On : 25 Mar 2021 15:19
Operator : CG/JU
Sample : M1458-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2021

Quant Time: Mar 25 15:50:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 15:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	31062	20.00	ng		0.01
21) Naphthalene-d8	10.516	136	123265	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	81036	20.00	ng		0.00
64) Phenanthrene-d10	17.140	188	181093	20.00	ng		# 0.00
76) Chrysene-d12	21.228	240	188590	20.00	ng		0.00
86) Perylene-d12	23.522	264	189477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.317	112	182990	90.66	ng		0.00
7) Phenol-d6	6.899	99	253667	87.74	ng		0.00
23) Nitrobenzene-d5	8.887	82	193576	67.38	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	98337	93.14	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	408584	68.21	ng		0.00
79) Terphenyl-d14	19.710	244	655907	63.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	9709	11.05	ng		97
3) Pyridine	3.676	79	22892	10.47	ng		88
4) n-Nitrosodimethylamine	3.576	42	7591	9.71	ng		82
6) Aniline	7.058	93	37226	11.36	ng	#	89
8) 2-Chlorophenol	7.293	128	20783	9.76	ng		83
9) Benzaldehyde	6.875	77	21285	11.42	ng	#	81
10) Phenol	6.922	94	28869	9.74	ng		76
11) bis(2-Chloroethyl)ether	7.158	93	22616	10.43	ng		92
12) 1,3-Dichlorobenzene	7.611	146	24950	10.55	ng	#	87
13) 1,4-Dichlorobenzene	7.758	146	25302	10.54	ng	#	89
14) 1,2-Dichlorobenzene	8.075	146	23180	10.06	ng		95
15) Benzyl Alcohol	7.969	79	21174	9.49	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.252	45	16365	10.28	ng		99
17) 2-Methylphenol	8.169	107	19207	10.16	ng	#	90
18) Hexachloroethane	8.799	117	9466	10.34	ng		97
19) n-Nitroso-di-n-propyla...	8.534	70	18962	10.11	ng	#	91
20) 3+4-Methylphenols	8.493	107	25670	9.94	ng		91
22) Acetophenone	8.546	105	36701	10.36	ng	#	94
24) Nitrobenzene	8.922	77	29158	9.63	ng	#	76
25) Isophorone	9.452	82	49678	9.37	ng	#	89
26) 2-Nitrophenol	9.634	139	10903	9.29	ng	#	59
27) 2,4-Dimethylphenol	9.699	122	18721	9.91	ng	#	83
28) bis(2-Chloroethoxy)met...	9.934	93	29488	10.99	ng		97
29) 2,4-Dichlorophenol	10.163	162	20226	9.57	ng		90
30) 1,2,4-Trichlorobenzene	10.381	180	23536	9.92	ng		96
31) Naphthalene	10.563	128	67218	9.65	ng		99
32) Benzoic acid	9.787	122	9996	7.13	ng	#	83
33) 4-Chloroaniline	10.681	127	28735	10.20	ng	#	88
34) Hexachlorobutadiene	10.846	225	14627	9.58	ng		94
35) Caprolactam	11.458	113	6546	9.44	ng	#	81
36) 4-Chloro-3-methylphenol	11.816	107	24534	9.61	ng	#	82
37) 2-Methylnaphthalene	12.187	142	50039	9.95	ng	#	93
38) 1-Methylnaphthalene	12.405	142	45719	9.70	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	27800	10.53	ng	#	97
41) Hexachlorocyclopentadiene	12.534	237	16360	11.40	ng		95
43) 2,4,6-Trichlorophenol	12.799	196	17033	9.34	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	18308	9.27	ng	#	89
46) 1,1'-Biphenyl	13.204	154	64005	10.36	ng		96
47) 2-Chloronaphthalene	13.246	162	49577	9.85	ng		99
48) 2-Nitroaniline	13.457	65	15203	9.48	ng	#	55
49) Acenaphthylene	14.099	152	75475	9.65	ng		99
50) Dimethylphthalate	13.840	163	63158	10.12	ng	#	99
51) 2,6-Dinitrotoluene	13.957	165	13861	9.42	ng	#	51
52) Acenaphthene	14.446	154	46664	9.69	ng		100
53) 3-Nitroaniline	14.287	138	12962	9.57	ng	#	71
54) 2,4-Dinitrophenol	14.499	184	6713	7.54	ng	#	70
55) Dibenzofuran	14.781	168	77756	9.85	ng		99
56) 4-Nitrophenol	14.599	139	9734	8.76	ng	#	45
57) 2,4-Dinitrotoluene	14.746	165	18635	9.59	ng	#	61
58) Fluorene	15.434	166	63591	9.98	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	16738	9.19	ng		98
60) Diethylphthalate	15.210	149	62094	10.17	ng		94
61) 4-Chlorophenyl-phenyle...	15.428	204	35013	10.35	ng		99
62) 4-Nitroaniline	15.457	138	12722	9.15	ng	#	41
63) Azobenzene	15.722	77	66118	9.47	ng		87
65) 4,6-Dinitro-2-methylph...	15.516	198	11074	8.38	ng		89
66) n-Nitrosodiphenylamine	15.646	169	55089	9.46	ng		97
67) 4-Bromophenyl-phenylether	16.328	248	20264	9.66	ng		89
68) Hexachlorobenzene	16.440	284	23128	9.80	ng		97
69) Atrazine	16.604	200	17837	9.23	ng		95
70) Pentachlorophenol	16.787	266	14111	9.06	ng		91
71) Phenanthrene	17.181	178	101914	9.71	ng		100
72) Anthracene	17.269	178	99629	9.71	ng		97
73) Carbazole	17.545	167	87217	9.05	ng		98
74) Di-n-butylphthalate	18.104	149	98983	9.33	ng	#	96
75) Fluoranthene	19.157	202	118486	9.59	ng		99
77) Benzidine	19.345	184	43155	10.43	ng		98
78) Pyrene	19.510	202	123794	9.55	ng		97
80) Butylbenzylphthalate	20.386	149	41694	8.67	ng	#	69
81) Benzo(a)anthracene	21.216	228	120983	9.44	ng		98
82) 3,3'-Dichlorobenzidine	21.151	252	44790	10.40	ng		98
83) Chrysene	21.263	228	119873	9.53	ng		97
84) Bis(2-ethylhexyl)phtha...	21.145	149	62100	8.81	ng		97
85) Di-n-octyl phthalate	22.033	149	108541	9.13	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.863	276	137087	9.65	ng		97
88) Benzo(b)fluoranthene	22.822	252	126526	9.40	ng		100
89) Benzo(k)fluoranthene	22.869	252	124384	9.65	ng		98
90) Benzo(a)pyrene	23.416	252	112718	9.34	ng		96
91) Dibenzo(a,h)anthracene	25.880	278	116980	9.52	ng		94
92) Benzo(g,h,i)perylene	26.580	276	114930	9.69	ng		96

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

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