Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032621\
Data File : BP005056.D
Acq On : 26 Mar 2021 11:13
Operator : CG/JU
Sample : M1458-03
Misc : MDL-S--4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations APPROVED
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3/29/2021 5:21:16 PM

Quant Time: Mar 26 11:57:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 11:57:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	33542	20.00	ng		0.00
21) Naphthalene-d8	10.516	136	128363	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	89234	20.00	ng		0.00
64) Phenanthrene-d10	17.134	188	206651	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	242669	20.00	ng		0.00
86) Perylene-d12	23.521	264	245963	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.316	112	181463	83.26	ng		0.00
7) Phenol-d6	6.899	99	248383	79.56	ng		0.00
23) Nitrobenzene-d5	8.881	82	173884	58.12	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	132198	113.70	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	410761	62.27	ng		0.00
79) Terphenyl-d14	19.710	244	833735	62.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	3366	3.55	ng		92
3) Pyridine	3.699	79	7148m	3.03	ng		
4) n-Nitrosodimethylamine	3.587	42	2759	3.27	ng	#	47
6) Aniline	7.058	93	14564	4.12	ng		100
8) 2-Chlorophenol	7.287	128	8300	3.61	ng		83
9) Benzaldehyde	6.869	77	9402	5.91	ng	#	71
10) Phenol	6.922	94	11780	3.68	ng		74
11) bis(2-Chloroethyl)ether	7.158	93	8894	3.80	ng		96
12) 1,3-Dichlorobenzene	7.611	146	10812	4.23	ng	#	94
13) 1,4-Dichlorobenzene	7.758	146	10839	4.18	ng		91
14) 1,2-Dichlorobenzene	8.075	146	10498	4.22	ng		93
15) Benzyl Alcohol	7.969	79	7521	3.12	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.252	45	6794	3.95	ng		94
17) 2-Methylphenol	8.169	107	7685	3.76	ng	#	91
18) Hexachloroethane	8.793	117	3938	3.99	ng		90
19) n-Nitroso-di-n-propyla...	8.528	70	7273	3.59	ng	#	90
20) 3+4-Methylphenols	8.493	107	9965	3.57	ng		93
22) Acetophenone	8.546	105	13794	3.74	ng	#	91
24) Nitrobenzene	8.922	77	10941	3.47	ng	#	77
25) Isophorone	9.452	82	19065	3.45	ng	#	85
26) 2-Nitrophenol	9.634	139	3736	3.06	ng	#	63
27) 2,4-Dimethylphenol	9.693	122	7410	3.77	ng		89
28) bis(2-Chloroethoxy)met...	9.934	93	11130	3.98	ng	#	96
29) 2,4-Dichlorophenol	10.169	162	8191	3.72	ng		98
30) 1,2,4-Trichlorobenzene	10.375	180	10209	4.13	ng		93
31) Naphthalene	10.563	128	28288	3.90	ng		98
32) Benzoic acid	9.769	122	2487	1.70	ng	#	66
33) 4-Chloroaniline	10.687	127	11026	3.76	ng	#	91
34) Hexachlorobutadiene	10.852	225	7450	4.68	ng		96
35) Caprolactam	11.463	113	2614m	3.62	ng		
36) 4-Chloro-3-methylphenol	11.810	107	9856	3.71	ng	#	73
37) 2-Methylnaphthalene	12.181	142	20354	3.89	ng		96
38) 1-Methylnaphthalene	12.404	142	19596	3.99	ng	#	94
40) 1,2,4,5-Tetrachloroben...	12.557	216	12983	4.47	ng		98
41) Hexachlorocyclopentadiene	12.534	237	6621	4.19	ng		94
43) 2,4,6-Trichlorophenol	12.798	196	7515m	3.74	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	7859	3.61	ng	#	91
46) 1,1'-Biphenyl	13.204	154	28671	4.21	ng		97
47) 2-Chloronaphthalene	13.246	162	21464	3.87	ng		98
48) 2-Nitroaniline	13.457	65	5348	3.03	ng	#	62
49) Acenaphthylene	14.098	152	32060	3.72	ng		98
50) Dimethylphthalate	13.840	163	28046	4.08	ng		98
51) 2,6-Dinitrotoluene	13.957	165	5765	3.56	ng	#	49
52) Acenaphthene	14.440	154	20231	3.82	ng		96
53) 3-Nitroaniline	14.293	138	4620	3.10	ng	#	81
54) 2,4-Dinitrophenol	14.498	184	2430	2.48	ng	#	85
55) Dibenzofuran	14.775	168	34324	3.95	ng		96
56) 4-Nitrophenol	14.610	139	3137	2.57	ng	#	58
57) 2,4-Dinitrotoluene	14.751	165	6972	3.26	ng	#	81
58) Fluorene	15.434	166	28739	4.10	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.004	232	8443	4.21	ng	#	88
60) Diethylphthalate	15.210	149	27037	4.02	ng		98
61) 4-Chlorophenyl-phenyle...	15.428	204	15813	4.25	ng		96
62) 4-Nitroaniline	15.457	138	4502	2.94	ng	#	60
63) Azobenzene	15.722	77	25073	3.26	ng		88
65) 4,6-Dinitro-2-methylph...	15.510	198	4121	2.73	ng		83
66) n-Nitrosodiphenylamine	15.645	169	24092	3.63	ng		90
67) 4-Bromophenyl-phenylether	16.328	248	9927	4.15	ng		98
68) Hexachlorobenzene	16.434	284	12025	4.47	ng		98
69) Atrazine	16.604	200	8079	3.66	ng		86
70) Pentachlorophenol	16.786	266	6076	3.42	ng	#	86
71) Phenanthrene	17.175	178	46796	3.91	ng		96
72) Anthracene	17.269	178	44024	3.76	ng		98
73) Carbazole	17.545	167	37463	3.41	ng		96
74) Di-n-butylphthalate	18.104	149	40603	3.36	ng	#	96
75) Fluoranthene	19.157	202	54473	3.86	ng		97
77) Benzidine	19.345	184	12211	2.29	ng		97
78) Pyrene	19.510	202	57305	3.44	ng		95
80) Butylbenzylphthalate	20.386	149	16357	2.64	ng	#	73
81) Benzo(a)anthracene	21.216	228	61658	3.74	ng		98
82) 3,3'-Dichlorobenzidine	21.151	252	20143	3.64	ng		97
83) Chrysene	21.269	228	60760	3.75	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	25875	2.85	ng	#	92
85) Di-n-octyl phthalate	22.033	149	43386	2.84	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.862	276	73468	3.98	ng	#	95
88) Benzo(b)fluoranthene	22.821	252	62721	3.59	ng		97
89) Benzo(k)fluoranthene	22.869	252	64502m	3.85	ng		
90) Benzo(a)pyrene	23.421	252	56531	3.61	ng		97
91) Dibenzo(a,h)anthracene	25.880	278	61865	3.88	ng	#	93
92) Benzo(g,h,i)perylene	26.580	276	60640	3.94	ng	#	93

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

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