Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072321\
Data File : BP006285.D
Acq On : 23 Jul 2021 12:50
Operator : CG/JU
Sample : M2940-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2021

Quant Time: Jul 23 13:17:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 14:48:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	329102	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	1301974	20.000	ng	#	0.00
39) Acenaphthene-d10	14.422	164	753622	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	1479263	20.000	ng	#	0.00
76) Chrysene-d12	21.274	240	1428525	20.000	ng	#	0.00
86) Perylene-d12	23.627	264	1469679	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2431759	118.607	ng		0.00
7) Phenol-d6	6.975	99	3390362	119.487	ng		0.00
23) Nitrobenzene-d5	8.951	82	2112694	85.865	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	926501	134.925	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	4069240	81.215	ng		0.00
79) Terphenyl-d14	19.751	244	5950748	84.284	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	68511	7.866	ng		95
3) Pyridine	3.740	79	167431	6.722	ng		97
4) n-Nitrosodimethylamine	3.651	42	68797	8.076	ng	#	79
6) Aniline	7.134	93	260118	8.433	ng		96
8) 2-Chlorophenol	7.363	128	164693	7.357	ng		93
9) Benzaldehyde	6.945	77	159178	9.725	ng		94
10) Phenol	6.998	94	212141	7.517	ng		99
11) bis(2-Chloroethyl)ether	7.234	93	169374	7.814	ng		94
12) 1,3-Dichlorobenzene	7.687	146	179242	7.508	ng		97
13) 1,4-Dichlorobenzene	7.834	146	181360	7.480	ng		95
14) 1,2-Dichlorobenzene	8.145	146	174394	7.516	ng		95
15) Benzyl Alcohol	8.039	79	150192	7.359	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	188713	8.021	ng		95
17) 2-Methylphenol	8.239	107	134847	7.401	ng		99
18) Hexachloroethane	8.869	117	66173	7.506	ng		90
19) n-Nitroso-di-n-propyla...	8.604	70	127714	7.302	ng	#	95
20) 3+4-Methylphenols	8.563	107	177591	7.210	ng		97
22) Acetophenone	8.616	105	253817	7.884	ng	#	97
24) Nitrobenzene	8.992	77	202828	7.896	ng		93
25) Isophorone	9.522	82	312813	6.925	ng		96
26) 2-Nitrophenol	9.698	139	64342	6.545	ng		94
27) 2,4-Dimethylphenol	9.763	122	146587	8.288	ng		96
28) bis(2-Chloroethoxy)met...	10.010	93	212656	8.254	ng		98
29) 2,4-Dichlorophenol	10.228	162	125271	6.911	ng		95
30) 1,2,4-Trichlorobenzene	10.445	180	148684	7.439	ng		99
31) Naphthalene	10.633	128	524115	7.619	ng		99
32) Benzoic acid	9.834	122	54846	4.359	ng		90
33) 4-Chloroaniline	10.745	127	213043	7.744	ng		96
34) Hexachlorobutadiene	10.916	225	86566	7.383	ng		95
35) Caprolactam	11.522	113	38909	6.782	ng	#	73
36) 4-Chloro-3-methylphenol	11.869	107	157244	7.289	ng		95
37) 2-Methylnaphthalene	12.245	142	355057	7.516	ng		98
38) 1-Methylnaphthalene	12.463	142	327065	7.345	ng		98
40) 1,2,4,5-Tetrachloroben...	12.610	216	156663	7.711	ng	#	96
41) Hexachlorocyclopentadiene	12.592	237	92228	8.381	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	89158	6.647	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	101662	6.912	ng	#	91
46) 1,1'-Biphenyl	13.263	154	446436	7.908	ng		97
47) 2-Chloronaphthalene	13.298	162	326484	7.530	ng		95
48) 2-Nitroaniline	13.504	65	86155	6.901	ng		89
49) Acenaphthylene	14.145	152	516122	7.516	ng		99
50) Dimethylphthalate	13.892	163	401719	7.595	ng		99
51) 2,6-Dinitrotoluene	14.004	165	75451	6.590	ng	#	78
52) Acenaphthene	14.486	154	317257	7.474	ng		97
53) 3-Nitroaniline	14.327	138	82533	6.713	ng	#	84
54) 2,4-Dinitrophenol	14.533	184	40980	7.102	ng	#	91
55) Dibenzofuran	14.821	168	498144	7.494	ng		96
56) 4-Nitrophenol	14.633	139	67309	6.436	ng		87
57) 2,4-Dinitrotoluene	14.786	165	94747	6.331	ng	#	80
58) Fluorene	15.474	166	398072	7.513	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	82302	6.739	ng	#	78
60) Diethylphthalate	15.263	149	411226	7.580	ng		98
61) 4-Chlorophenyl-phenyle...	15.474	204	183718	7.400	ng		91
62) 4-Nitroaniline	15.492	138	82962	6.510	ng		86
63) Azobenzene	15.768	77	427275	7.378	ng		93
65) 4,6-Dinitro-2-methylph...	15.551	198	41458	5.040	ng		76
66) n-Nitrosodiphenylamine	15.686	169	336159	7.333	ng		99
67) 4-Bromophenyl-phenylether	16.374	248	98846	7.566	ng		92
68) Hexachlorobenzene	16.474	284	122721	7.424	ng		93
69) Atrazine	16.651	200	110866	7.660	ng		97
70) Pentachlorophenol	16.821	266	64175	6.471	ng		98
71) Phenanthrene	17.215	178	615475	7.542	ng		99
72) Anthracene	17.310	178	600863	7.612	ng		100
73) Carbazole	17.580	167	564970	7.154	ng		99
74) Di-n-butylphthalate	18.151	149	639954	7.161	ng		100
75) Fluoranthene	19.192	202	667336	7.306	ng		95
77) Benzidine	19.380	184	324042	8.691	ng		100
78) Pyrene	19.545	202	697212	7.420	ng		99
80) Butylbenzylphthalate	20.439	149	256391	6.449	ng		90
81) Benzo(a)anthracene	21.256	228	666893	7.271	ng		100
82) 3,3'-Dichlorobenzidine	21.198	252	224853	9.262	ng	#	98
83) Chrysene	21.309	228	658669	7.424	ng		99
84) Bis(2-ethylhexyl)phtha...	21.203	149	409373	6.834	ng	#	96
85) Di-n-octyl phthalate	22.121	149	647033	6.494	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.056	276	768709	7.318	ng	#	88
88) Benzo(b)fluoranthene	22.909	252	687799	7.280	ng	#	96
89) Benzo(k)fluoranthene	22.956	252	659429	7.372	ng	#	95
90) Benzo(a)pyrene	23.515	252	635316	7.507	ng	#	95
91) Dibenzo(a,h)anthracene	26.080	278	668664	7.368	ng	#	92
92) Benzo(g,h,i)perylene	26.797	276	647211	7.396	ng	#	88

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

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